

# OPERATION MANUAL

*UX-7000*

*UX-7500*

*UX-M750*

*UX-6000*

***U02 (HMS) TYPE***  
*(Hospitality Management System)*

July 12, 1996

THE SOCKET-OUTLET SHALL BE INSTALLED NEAR THE EQUIPMENT AND SHALL BE EASILY ACCESSIBLE.

LA PRISE DOIT ETRE PRES DE L'APPAREIL ET FACILE D'ACCES.

**WARNING**

This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions manual may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment.

Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

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## HARDWARE

- \* **UX-7000** LCD + 2-station thermal printer
- \* **UX-7500** LCD + one-sheet wide printer
- \* **UX-M750** LCD keystation model
- \* **UX-6000** LCD + 2-station dot matrix printer
- \* **16-LINE LCD provides ease of operation & programming**  
Scrolling and paging facilities together with pull-up screen lists and 'intelligent' operator prompts and compulsions simplify and speed up transaction processing.
- \* **KEYBOARD OPTIONS** - A 156 key position flat membrane style keyboard with menu overlay sheets or normal 90 key position stroke keyboard is available.
- \* **OPTIONAL DOT MATRIX REAR DISPLAY** is available
- \* **2 DRAWERS** available

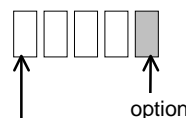
## SOFTWARE CAPACITY

The UX-7000 series come with four 1 meg. RAM chips as standard. 1 RAM chip has 8 banks and the first 2 banks (for V2.xx) or the first 4 banks (for V3.xx) on the first RAM chip are used by the basic system parameters. A max. of 5 RAM's can be installed on the MPU (4 are standard), 3 external RAM Boards filled with 8 RAM chips and a 4th. RAM Board with 4 RAM chips may also be optionally installed. You can see the available numbers using Memory Calculator accessing from the contents of UX-7000 on-line help programming manual and you can adjust the maximums using SP-112 Maximums. The following items use the shared memory area so please note that the maximum values on the table below show if other items are set to the minimum values per bank.

	Vers. 2.xx		Vers. 3.xx	
	STANDARD	MAXIMUM	STANDARD	MAXIMUM
Clerks	22	255	same as V2.xx	
PLU	1157	21894 (89/bank)	979	21716
Track Headers (# of tables, bills and open clerks)	819	65535 (819/bank)	same as V2.xx	
Track Lines (# of items available to tables/bills)	1635	65535 (327/bank)	1605	65535 (321/bank)
EJF Lines	512	65535 (512/bank)	496	65535 (496/bank)
Look-Up Plus	48	127 (48/bank)	same as V2.xx	
Attendance (# of clerk login/logout operations)	not available		1170	65535 (1170/bank)

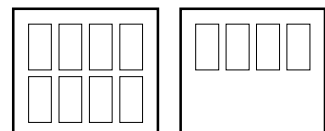
- \* **FIXED**
  - Major Groups : 8
  - Groups : 48
  - Media : 20
  - Taxes : 4 rates or tables
  - Locations : 8
  - PLU adjustments : 2
  - PLU categories : 8
  - Condiment Groups : 25
  - Cooking Instructions : 64
  - Paid Outs : 8

**ON MPU BOARD**  
5 RAM chips  
(8 banks/RAM chip)



6 banks for V2.xx board  
4 banks for V3.xx

**OPTIONAL EXTERNAL BOARD**  
28 RAM chips (224 banks)



(1st ~ 3rd) (4th)

Total 33 RAM chips (264 banks) are available and 254 banks (V2.xx) or 252 banks (V3.xx) are used for the shared memory area for the items on the table above.

## CLERK

- \* **CLERK SYSTEM (255 clerks)**
  - **Interrupt system** - Allows clerks to interrupt other clerk's item registration so that several customers may be handled concurrently on the same terminal. Individual clerk buttons (maximum 16) can be assigned to the keyboard for fast single touch operation.
  - **Floating interrupt system** - Allows clerks to serve the same customer from any terminal in the same 'location' on the network. Multiple named locations can be programmed to cater for example for different bars, but still within the 16 (max.) terminal network. Prior to finalization the clerk's order can be automatically transferred to the desired registration terminal by selection of the appropriate clerk button on that terminal.
  - **Normal clerk system** - A 'non-interrupt' or 'non-floating' clerk system is available by flag selection. Clerk sign-on is compulsory at the start of each transaction. Alternatively 'Clerk stays on' (no time out) may be selected by flag option. In this option floating clerk is prohibited.
- \* **CLERK SIGN-ON** - Can be either by single key depression (maximum 16 buttons on keyboard), by entering an ID code (1~4 digits), by swiping a pre-registered magnetic card using the existing card number (e.g. credit card number) as a secret code, or by inserting a clerk insert key.
- \* **CLERK TIME & ATTENDANCE** - Clerk's working hours can be recorded. Time & Attendance Reports will include the following information.
  - Clerk Name
  - Date & Time of Login
  - Date & Time of Logout
  - Job Code (for Log In)
  - Hours worked.
- \* **CLERK JOB CODES** - Allow the clerks to do the operations which have been permitted by programming.

## PLU

- \* **LOOK-UP PLUs**

Enables a list of up to 40 (5 pages of 8) associated PLUs to be accessed and displayed on the screen by depression of a single key. For example a WINE LIST key could automatically display a list of all available WINES for easy selection.
- \* **LINK PLUs (CHAINED)**

Enables the automatic sale of up to 40 PLUs by the selection of a single main PLU key. Used for example for set-menus or items where constituent sales analysis is required. Link PLUs can be included in the main PLU price (i.e. zero priced) or can have individual values and be added to the transaction total. Printing of link PLUs on either receipt or Kitchen Printer is optional.
- \* **LINK PLUs (UNCHAINED)**

This option is similar to the chained LINK PLU's function except that only one of the LINK PLUs may be sold with the main PLU. This function is useful for example where a meal includes a free drink from a limited selection. e.g. Hamburger plus Orange Juice.
- \* **5 MENUS**

Separate 5 menus with keyboard overlay sheets may be programmed. Menu selection can be manual or automatic by preset time control. 3 preset menu change times each for 2nd ~ 5th menus can be programmed. Manual menu shifts can be allowed for single items within a sale if required, and with key-lock / operator access control.
- \* **9 PRICES**

9 prices per PLU may be programmed (3 groups of 3 e.g. small, medium, large x 3 prices). PLU price shifts may be performed either manually or automatically using the preset time change function. 3 preset price change times each for 2nd & 3rd price levels may be programmed.
- \* **COOKING INSTRUCTIONS**

20 groups of 8 cooking instructions may be programmed. Each normal PLU can be linked to one group of 8 cooking instructions which are automatically displayed for selection following registration of the PLU. 64 cooking instructions or messages may also be entered directly from the keyboard by number if required.

\* **CONDIMENTS**

25 groups of 8 'condiment' PLUs may be programmed. Each normal PLU may be linked to a maximum of 5 condiment PLU groups. Each group of 8 condiment PLUs is displayed for selection after entry of the appropriate cooking instruction (if programmed). Condiment PLUs may be zero price, with descriptor only if included with the main dish, or may be a preset price if a chargeable extra.

\* **COUPON PLU**

\* **DIRECT PLU MULTIPLICATION**

\* **SET MENU FEATURE**

This feature expands the operation of the Lookup PLUs in order to link a number of Lists together as might be seen on a Restaurant menu. With the new Set Menu feature, up to 5 courses may now be accessed and charged for by pressing one key. Up to 3 courses may be offered on first selecting the item, and 2 further courses selected later (e.g. Desserts & Beverages).

\* **PRICE INQUIRY**

## COMMUNICATION

\* **IRC SYSTEM**

The Inter-Register Communication network uses RS-485 technology in a master/slave configuration. An RS-232 link from the master to a 'PC' (com.1 ~ com.4) enables a PC to be connected either on-site or remotely via a modem. Communications between the PC and individual terminals are routed automatically by the master terminal. In the event of the master terminal failure any of the slave terminals can be re-designated as a master (each terminal includes RS-485 and RS-232 interfaces as standard).

For small system configurations, **a single RS-485 line is shared by terminals and printers.**

For larger systems with high 'real-time' traffic volumes, **a separate high speed RS-485 line (up to 192k baud) is available for terminal to terminal communications.**

\* **IRC FEATURES**

- Download programming of terminals from any terminal or from a PC via the master terminal.
- Individual and consolidated terminal reports can be taken across the network from the master terminal. Also, the PC can take an individual report from the individual terminal through the master terminal. The consolidated report is available by the PC's software.
- Floating clerk system
- Floating track system
- Remote terminal monitoring
- Flash C.I.D. reporting (even during registration)
- Transmission of selected data to remote system printers (kitchen printer or slip printer)

\* **KITCHEN PRINTER/KITCHEN MONITOR SYSTEM**

A maximum of 8 remote kitchen printers (TP-420) or monitors may be accessed by any terminal on the IRC network. Kitchen printer destination is controlled by individual PLU flag and a back-up printer may be pre-assigned for automatic take-over in the event of printer failure. The internal printer of the ECR may also be used to print a kitchen or bar order by flag option; a useful back-up feature, and, where logistically practical, eliminating the need for a remote kitchen printer.

\* **BAR CODE SCANNING FUNCTION** - PLU numbers may be scanned in directly during both sales and programming functions. (not available on the UX-M750 model)

\* **REMOTE TERMINAL MONITORING SYSTEM**

Allows an operating terminal to monitor any other terminal on the network. A remote terminal monitoring function allows an operating terminal to monitor any other terminal on the network. This function is available under key-lock and sign-on control and allows the manager, for example, to discretely monitor the registration of items by a new clerk. The screen display copies the journal of the terminal being monitored. Voids, refunds and corrections may be highlighted together with an audible warning.

\* **ROOMS SYSTEM**

In addition to the 20 media, a transaction may be finalized to a 'Room Number', utilizing the real-time rooms feature in conjunction with a back office PC running the Uniwell 'Rover' (Room On-line VERification) software interface.

- \* **ELECTRONIC JOURNAL FUNCTION (EJF)** - A programmable electronic journal captures journal data for each terminal on the system. The electronic journal can be displayed on the screen in register mode using the page up key while outside a sale. The page up/down keys step back or forwards between each transaction while the scroll up/down keys scroll within the transaction selected. Access to the electronic journal is also provided by date and time entry using view electronic journal mode.
- \* **CHANGED PLUs DOWNLOAD**

## PRINT FUNCTION

### \* **BUFFER PRINT SYSTEM**

On terminals equipped with an internal printer the buffer print system allows each clerk to print a sales receipt for their last transaction, even after the transaction has been finalized. On the floating clerk interrupt system the clerk's sale can be transferred to a terminal equipped with a printer so as to provide a customer receipt. Alternatively the receipt may be printed by a key-station on an external shared printer on the printer network. (e.g. TP-420)

### \* **FLEXIBLE RECEIPT PRINTING**

A customer receipt or bill can be produced by the internal printer. Alternatively a customer bill can be produced on an external printer (e.g. TP-620, TP-420) on the IRC network. Receipt printing format options include consolidation of like items, printing or non-printing of cooking messages, locations and person types.

### \* **GRAPHIC LOGO** (not available for UX-6000)

The high speed internal thermal printer is capable of printing graphic logos and a Uniwell PC program is available which will download a computer scanned and enhanced logo. Graphic logos can be designed / enhanced using a PC windows utility such as Paintbrush.

### \* **DIRECT SALES PRINT** (prints sales contents before closing transaction by the BUFFER PRINT key if programmed by SF-35)

### \* **BILL ISSUE**

- \* Instant Subtotal Bill (printed during a sales)
- \* Subtotal bill has tip - All subtotal bills will have a blank TIP line and blank SUBTOTAL line after the normal Subtotal line on the bill.
- \* Single line header printed on Bill/Subtotal bill
- \* Headers printed on each page on Bill

### \* **KITCHEN PRINTER**

- \* Thermal external printer CBM-231 used as KP via the NA-710/730
- \* Location printed, PLU code printed, Seat number printed and other print options exist
- \* Internal KP is available printing with PLU price (if price not zero)
- \* SEND KEY - Sends all PLUs to KP without closing or a storage.
- \* REDIRECT KEY - Sends KP items to back-up kitchen printer.

### \* **MEDIA PRINTS THE SIGNATURE LINE**

### \* **RECEIPT ON/OFF CONDITION REMAINS**

Receipt ON or OFF condition can be preset to remain as the default. Pressing the key during a transaction only affects the current transaction. The receipt ON/OFF condition will revert at the end of the transaction if programmed.

### \* **TICKET FUNCTION** (UX-M750 requires an external printer)

Number of tickets preprogrammed by linked group (single, double, triple or quadruple ticket) will be printed prior to a normal receipt issue when the transaction is closed.

#### • \* **Print options**

- consecutive ticket number
- 5-line full top logo, single line top logo & bottom logo
- PLU price, PLU centered
- PLU modifier description (Large, Small, etc.) printed
- last line
- Paper cutting method is fixed to a full cut.

### \* **REAL TIME RECEIPT for UX-6000**

If programmed so, UX-6000 will print the receipt in Real-Time provided the Receipt is ON when the Clerk signs on. Obviously this MUST not be used when Clerk Interrupt or Clerk Storage is being used.

<h2 style="margin: 0;">OTHER FUNCTIONS</h2>
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\* **MEMORY BILLING SYSTEM**

The memory billing system means that all items sold can be memorized and displayed on the screen. The system can be configured for auto-bill number generation or manual bill number entry. Bills may be accessed by bill or table number allowing for multiple bills per table. Alternatively a simple table number system allows access to bills by table number only, however using this system only one bill per table is possible.

A subtotal bill is available for presentation prior to payment and a final checkout bill is provided which includes payment details. For bar tabs (party free drinks, etc.) where very fast bill pick-up is required an option to display only the subtotal on pick-up can be selected.

\* **SPLIT BILLING OPTION** - Where a customer requests a split bill, any item can be transferred from the current bill to a new bill using a simple scroll and select function.

\* **AUTOMATIC CORRECTION** - When a menu item (main PLU) is corrected cooking instructions and condiments associated with it are automatically deleted.

\* **TERMINAL 'SIGN-ON' SECURITY**

Reporting and programming functions are controlled by the assignment of an 8 level security code to each individual report or programming function. Each clerk (or operator e.g. manager) is assigned a security level of 1~8 and only those functions with the appropriate security level are displayed and available to that clerk.

Access to reporting and programming functions is controlled by a multi-position key-lock used in conjunction with the 1~4 digit clerk code or magnetic card option. The flexible security system means that managers, for example, can be issued with magnetic cards while clerks need to key in their code manually.

\* **EXPANDED MEDIA CAPABILITY** - Up to 20 media keys may be programmed and any media key can be programmed for foreign currency conversion. Media keys may also be flagged as 'pre-payment' media. This enables vouchers to be tendered at the start of or during a sale and automatically deducted from payment due.

\* **5 PRESET TENDER KEYS** - may be programmed with popular local currency denominations to speed up transaction finalization.

\* **MULTIPLE 8 PAID OUT FUNCTION**

Up to 8 paid out categories may be programmed with individual names and displayed on the screen for selection, following depression of a single paid-out key. This new analysis feature increases management information and provides for greater overall control of the business.

\* **DEPOSIT FUNCTION** - A deposit key records payments into the system which can later be assigned to a bill. A deposit total maintains the value of unassigned deposits in the system.

\* **2 ADJUSTMENTS** - Allows discounting on selected PLU groups for special product promotions.

\* **TRAINING MODE** - A training mode is provided with access controlled by clerk flag.

\* **PROGRAMMABLE TAX SYSTEM** - Add on tax, VAT (TVA), USA tax tables, and Canadian GST tax systems are provided.

\* **TIP KEY**

\* **DRAWER OPENED BY CLERK or MEDIA**

\* **CLERK CODE ASSIGNMENT of HARD CLERK KEY at X-position**

\* **CLERK CODE NOT DISPLAYED/PRINTED** for the security purpose

\* **AUTOMATIC CLOSING FUNCTION**

\* **DRIVE THRU FUNCTION**

\* **% ON ITEM**

\* **SPLITTING OF MULTIPLE PLU**

\* **VAT SHIFT**

\* **SEAT NUMBER SYSTEM**

\* **5 MACRO KEYS (Arrangements)** - Up to 20 keystrokes may be included in a Macro key operation. The keys - Clerk, Receipt/Journal Feed, Receipt On/Off, Split - cannot be included to keystrokes of Macro keys.

\* **CARD DATA CAPTURED AS NON-ADD ACCOUNT**

<b>REPORT</b>
---------------

\* **ELECTRONIC JOURNAL REPORT**

An EJV report is available for each terminal on the network and is available from any terminal via IRC or can be polled by a PC and, with appropriate software, used for further more detailed sales analysis. The electronic journal stores the last 512 (V2.xx) lines or 496 (V3.xx) lines of journal data. The journal data storage is expandable in 512/496 line increments by adding / allocating RAM memory.

\* **FLASH C.I.D. REPORTING** - can be produced on the master terminal even while slave terminals are in normal operating mode. This allows the manager to get an up to the minute individual or consolidated sales total at any time during operations. Reporting of Grand Total is also available by programming.

\* **ENHANCED REPORTING FUNCTIONS**

- Reports on screen
- Last time sold PLU report
- Track and Clerk balance report
- Time zone report
- 48 Time Zones Hourly Report
- Hourly major group report
- EJV correction report

\* **EXEMPTED TAX SALES & AMOUNTS ARE REPORTED IN X/Z-01**

# 1. ATTENTION

---

Thank you very much for purchasing Uniwell Electronic Cash Registers. This ECR has many programmable features, hardware combinations and options. Please consult your dealer as to your particular requirements, as this ECR can be configured, through both hardware and software (programming) to suit a variety of different applications.

Please fill in the information requested below:

MODEL No.(s):

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SERIAL No.(s):

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DATE OF PURCHASE:

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WHERE PURCHASED:

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## 2. ABBREVIATIONS

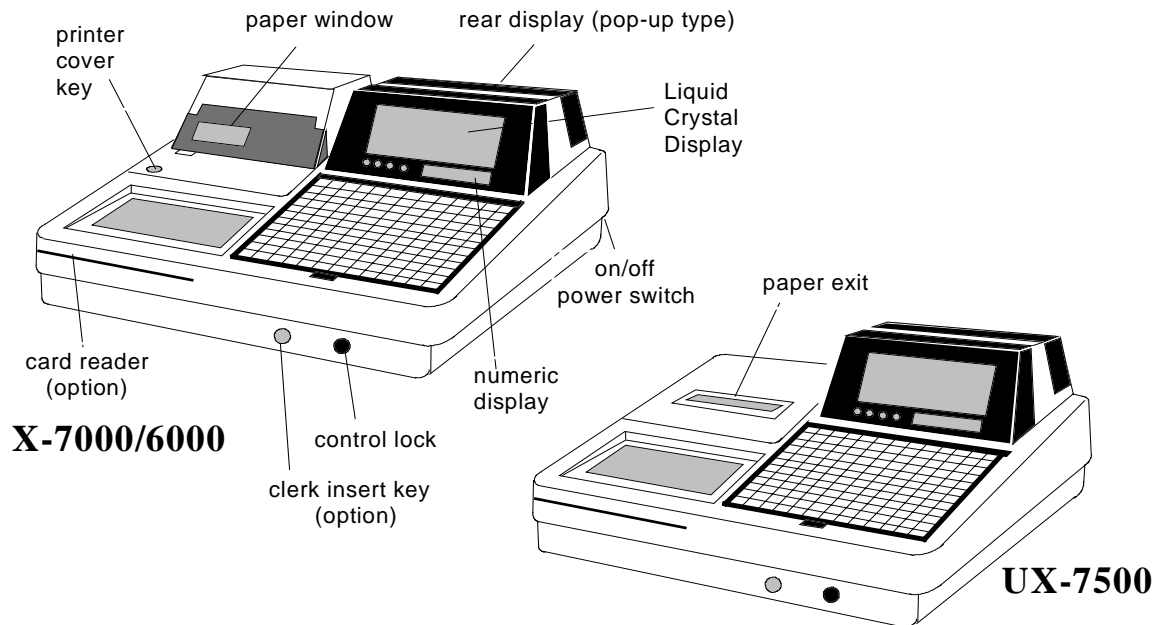
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Abbreviations used in this manual are as follows:-

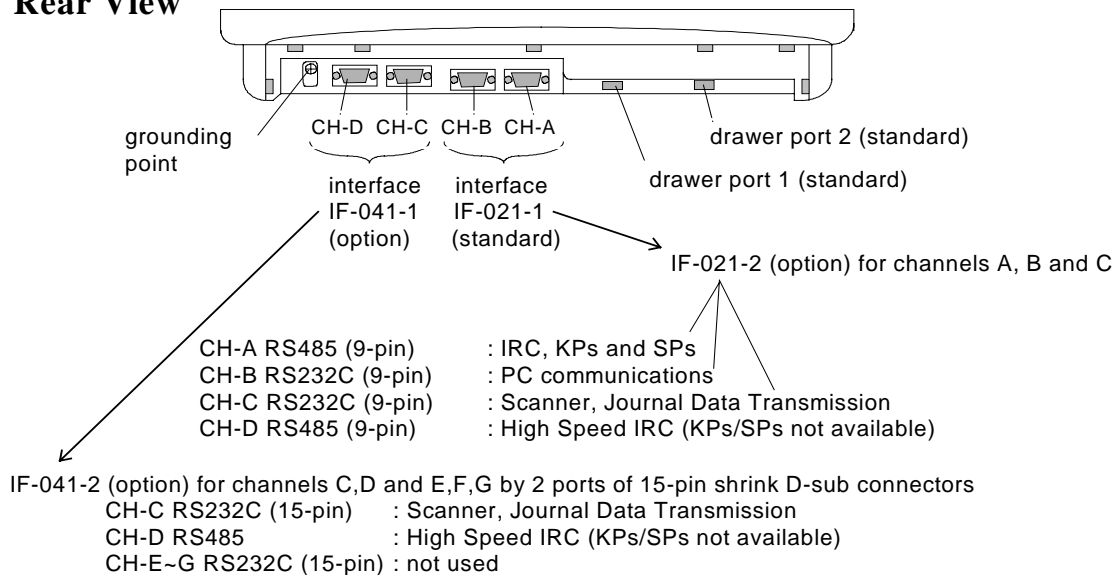
CID	-	Cash In Drawer
CL	-	Clear
ECR	-	Electronic Cash Register
EFT	-	Electronic Funds Transfer
EJF	-	Electronic Journal Function
GST	-	Goods & Services Tax (Canada)
IRC	-	Inter-Register Communication
JPF	-	Journal Paper Feed
KP	-	Kitchen Printer
PLU	-	Price Look Up
RPF	-	Receipt Paper Feed
SBTL	-	Subtotal
TTL	-	Total

## 3. PART NAMES

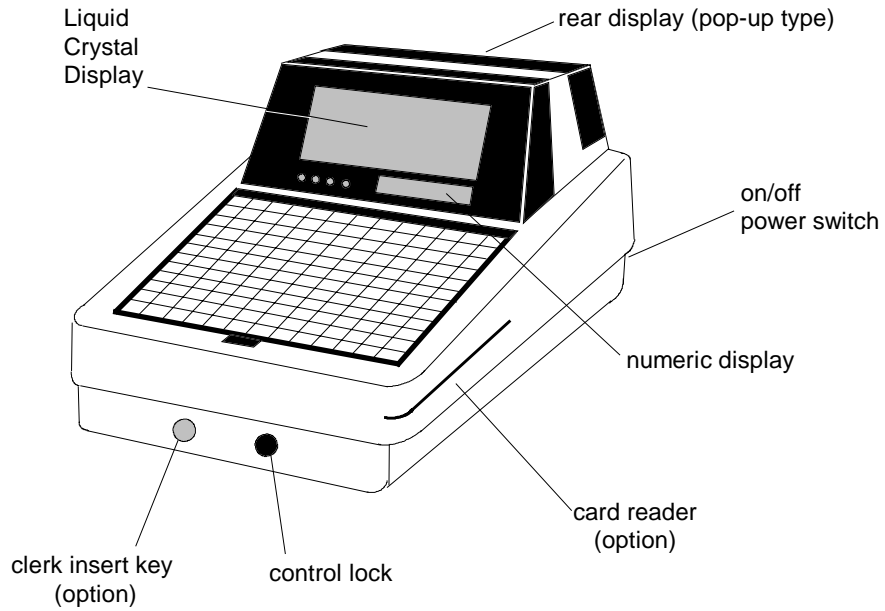
### 1. ECR Diagram ( UX-7000/7500/6000 )



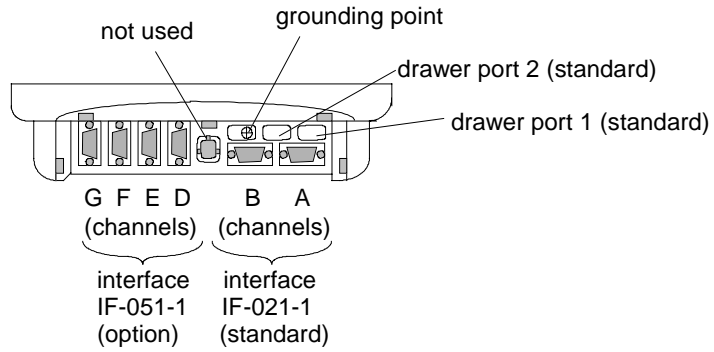
### Rear View



## 2. ECR Diagram ( UX-M750 )



### Rear View



- CH-A RS485 (9-pin) : IRC, KPs and SPs
- CH-B RS232C (9-pin) : PC communications
- CH-D RS485 (9-pin) : High Speed IRC (KPs/SPs not available)
- CH-E~G RS232C (9-pin) : not used

## 4. SPECIFICATIONS

		UX-7000 /7500 / 6000	UX-M750 (no printer, keystation)
<b>Power Consumption</b>		1A (AC 120V) 0.4A (AC 220/240V)	0.1A (AC 220/240V) 750mA (adapter : AC 24V)
<b>Power Supply</b>		AC 120V ± 10%, 50/60 Hz AC 220/240V ± 10%, 50/60 Hz	AC 220/240V ± 10%, 50/60 Hz AC-AC adapter: output AC 24V
<b>Dimensions (W/D/H)</b>	Machine: Carton:	416 x 446 x 223 mm 486 x 512 x 282 mm	248 x 442 x 220 mm 318 x 512 x 282 mm
<b>Weight (machine only, without options)</b>		<b>UX-7000:</b> 8.3 Kg, <b>UX-7500:</b> 8.1 Kg, <b>UX-6000 :</b> 8.7 Kg	4.1 Kg
<b>Environment</b>	Temperature: Humidity:	<b>Operation :</b> 0 ~ 40 °C (32 ~ 104°F), <b>Storage :</b> -20 ~ 60°C (-4 ~ 140°F) <b>Operation :</b> 10 ~ 90 % RH, <b>Storage :</b> 5 ~ 90 % RH	
<b>Memory Protection Period</b>		3 months	
<b>Displays</b>	LCD: Cpation Lamps: Front Numeric: Rear Numeirc: Rear Alphanumeric:	Toshiba 'TLX-1741-C3M' LCD Module, 40 columns x 16 rows maximum Four (4) front LEDs labeled A through D 7 segments numeric, 10 digits maximum 7 segments numeric, 10 digits maximum (standard) 7 x 5 dot matrix, 16 digits maximum (option)	
<b>Printer (UX-7000)</b>	Model: Character Structure: Characters/Line: Printnig Speed: Paper: Operating Conditions: Reliability:	EPSON M-T245 Thermal Receipt / Journal Printer 12 dots (W) x 24 dots (H) 24 digits each for receipt and journal (no validation) 14 lines / second Single thermal roll, TF50KS-E (Juujoyo Seishi), 44.5 ± 0.5 (W) x 83 mm Ø Temperature: 0 ~ 40 °C Humidity: 35 to 80% RH Printer MCBF : 5,000,000 lines, Life : 10,000,000 characters Auto Cutter: MCBF 330,000 cuts, Life 660,000 cuts	
<b>Printer (UX-7500)</b>	Model: Character Structure: Characters/Line: Printnig Speed: Paper: Operating Conditions: Reliability:	Citizen LT-380 Line Thermal Receipt Printer 12 dots (W) x 24 dots (H) 46 digits (no validation) 17 lines / second Single thermal roll, TF50KS-E2C (Nihon Seishi), 80.0 ± 0.1 (W) x 80 mmØ Temperature: 0 ~ 45 °C Humidity: 35 to 85% RH Printer Head Life : 8,300,000 lines Auto Cutter Life : 300,000 cuts	
<b>Printer (UX-6000)</b>	Model: Character Structure: Characters/Line: Printnig Speed: Paper: Operating Conditions: Reliability:	Epson M-825 Impact Dot Matrix Printer 7 dots (W) x 9 dots (H) 46 digits (no validation) 3.2 lines / second Fine quality paper roll, 44.5 ± 0.5 (W) x 83 mm Ø Temperature: 0 ~ 50 °C Humidity: 10 to 90% RH Printer MCBF : 4,000,000 lines, Life : 8,000,000 lines Printer Head Life : 100,000,000 characters Auto Cutter Life : 300,000 cuts	

## 5. INSTALLATION

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### 1. Unpacking

The cash register and the cash drawer are packed in separate containers. Each container should be opened and the contents should then be checked for obvious physical damage.

### 2. Suggestions For Installation

- a) The product should not be installed in extremely hot or cold places, or places which are exposed to direct sunlight for extended periods of time.
- b) The product should not be installed where it may come into contact with excessive dust.
- c) The cabinet should not come into contact with liquid.

### 3. Before Using The Machine

Consult with your Uniwell Dealer as to your particular requirements, as this ECR can be configured, through both hardware and software (programming) to suit a variety of different applications.

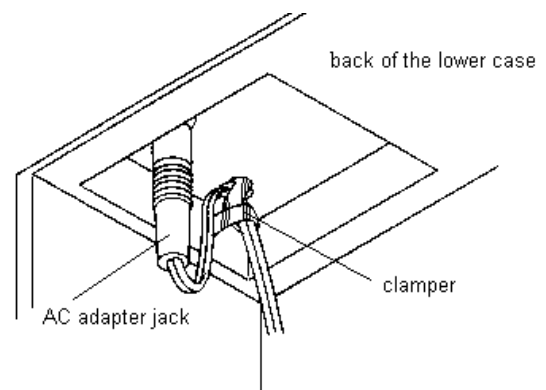
### 4. Check The Following

- a) The cash drawer(s) has (have) been connected to the drawer connector(s) on the ECR, if not, please contact your Uniwell dealer;
- b) The required peripheral(s) has (have) been connected to the correct interface connector(s);
- c) **The interfaces cover has been surely placed.** It protects the ECR from electronic static;
- d) The power plug is connected to the AC outlet and then turn the power switch on;
- e) The Control key is turned to the appropriate position;
- f) The appropriate number of paper rolls are fitted.

### Note For The AC Adapter Connection

The ECR model which uses the AC adapter has the clammer for avoiding the jack loosen which is located at the back of the lower case beside the AC adapter jack.

**Please use the clammer to fasten the outlet cable of the AC adapter while hooking the cable on the clammer after connecting the AC adapter plug to the jack as shown in the figure.**



## 6. REPLACING PAPER ROLLS / RIBBON

### REPLACING PAPER ROLLS

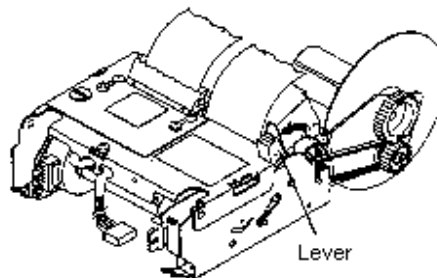
#### 1. Remove the printer cover;

Turn the printer cover lock key counter-clockwise and gently lift the cover.

#### 2. Remove the old paper;

Depress the paper feed key, appropriate to the roll you are replacing, to feed the remaining paper through the printer. **OR**

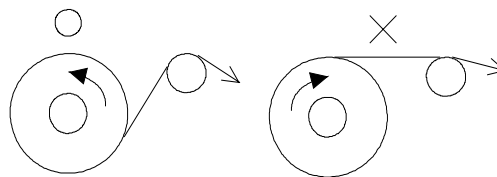
Lift the paper release lever towards the front of the ECR and pull the paper through the printer. **DO NOT** force paper through the printer as this may result in damage to the printer mechanism or cause a paper jam.



#### 3. Insert new paper;

a) Make sure that the leading edge of the new paper roll is cut **straight** across.

b) Place the roll of paper in the ECR so that the paper feeds from the bottom of the roll, and insert the leading edge into the printer slot, then the paper will be fed automatically.



**For the UX-6000, depress the paper feed key appropriate to the roll you are replacing, to feed the paper.**

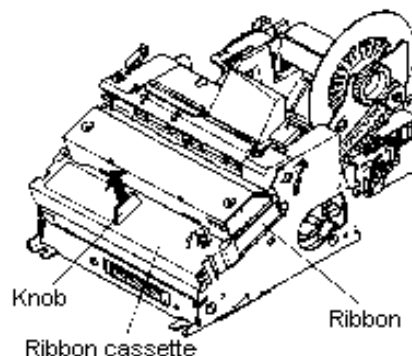
c) In the Journal paper case, attach the loose end of the paper to the journal 'take-up' spool.

Paper should be replaced when the PNE (Paper Near End, lamp B or C) lamp begins to flash on the display and also if red coloring becomes visible on the edge of the paper.

### REPLACING THE RIBBON (ONLY FOR UX-6000)

#### INK RIBBON: ERC-32 (Epson)

1. Lift off the printer cover and remove the old ribbon.
2. Turn the ribbon feed knob to take up any slack.
3. While tilting the ribbon cassette forward slightly, insert the ribbon between the print head and the paper; push the ribbon cassette firmly into place.
4. Turn the ribbon feed knob once more to tighten the ribbon.



## 7. EXPLANATION OF DISPLAY

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Std Prices	<b>ALISON</b>	Drink Menu
PINT BEER		1.75
PINT SODA		1.32
		<b>SUBTOTAL</b>
		<b>3.07</b>
<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<b>3.07</b>	

The four LEDs marked A, B, C and D (bottom left) are used as follows:-

- A - This denotes the status of the receipt (receipt On when lit, receipt Off when not lit)
- B - Tracking Memory indicator (Constantly On when memory is half full, starts flashing when 3/4 full)
- C - This LED illuminates when the Receipt paper is getting near end
- D - This LED illuminates when the Journal paper is getting near end

The 10-digit LED display (bottom right) displays a message (which is programmable) when the ECR has been left inactive for a set period of time, this is to conserve the lifespan of the display. Hitting any key will cause the display to re-activate and operations can be resumed as normal.

This display is also used to indicate key presses when signing on a clerk and also displays PLU item amounts and the subtotal amount when selling items.

## **8. KEYS USED IN GENERAL OPERATION**

---

### **Ten-Key Pad ( 0, 00, 1~9 and • )**

These keys are used to enter numeric values, percentage rates, PLU numbers, non-add numbers etc.

### **Clear Key**

This key is used to cancel any information or status (PLU shift, void, refund, etc.) on the display, prior to registration. It is also used to correct a mistake that has been made while entering data via the data entry prompt. The key can be used to show (and clear) the date & time from the lower display.

### **X Key**

This key is used for multiplication and manual message entry.

### **Scroll keys ( SCROLL FWD, SCROLL BACK )**

These keys enable you to scroll through list of items that is displayed on the screen. The position of the cursor is highlighted in inverse.

These two keys are also used to adjust the contrast of the display when the ECR is in a position where a clerk is not signed on.

### **Page keys (PAGE UP, PAGE DOWN)**

These keys enable you to scroll more quickly through lists of items that are displayed on the screen, by scrolling forwards or backwards a whole screen-page at a time. The last transaction is shown by the depression of <PAGE UP> key after the transaction is closed.

### **Enter Key**

The <ENTER> key is used to select an option that has been highlighted by the cursor.

The <ENTER> key is also used when information has been entered via the data entry prompt; it is used to accept the data that has been entered.

## 9. CLERK OPERATIONS

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### 1. SIGNING ON A CLERK

Check that the control key is turned to the 'R' position.

There are four methods by which you can sign on a clerk, these are detailed as follows:-

**a) Using *clerk keys assigned to the keyboard.***

Up to 16 clerks may be assigned to the keyboard. To sign a clerk, simply press one of the clerk keys, the name of the clerk will be displayed at the top of the display in the center. The clerk is now signed on and it is possible to register items. If a clerk key is pressed when another clerk is already signed on then that clerk will be signed off and its transaction information will be stored **in the clerk interrupt system**. The clerks may be set so that after a certain period of time the clerk will automatically sign off.

**b) Using *secret clerk codes.***

By using the secret clerk codes, it is possible to use up to a maximum of 255 clerks. Enter the secret clerk code and press the <CLERK> key. The clerk will now be signed onto the machine. If the <CLERK> key is pressed again the clerk will be signed off.

**c) Using *clerk cards.***

To use this option of signing on a clerk, the machine must have a card reader unit fitted and must also be programmed to recognize the card. To sign on the clerk simply swipe the card through the reader at the front of the machine, from left to right or from back to front for the UX-M750 with the magnetic stripe facing down.

**d) Using *clerk insert keys.***

To use this option, the machine must have a clerk insert key fitted and must also be programmed to recognize the key by using the clerk card programming SP-104. To sign on the clerk simply insert the key at the front of the machine (left of the control key).

### 2. SIGNING OFF A CLERK

Clerks will be automatically signed off **in the clerk interrupt system**:-

1. when a clerk finalizes a transaction using a media key **or by automatic closing**,
2. when a clerk is interrupted by another clerk,
3. when a clerk stores the transaction to a bill or table.

Other ways to sign off a clerk are as follows:-

1. **when the clerk timeout period is reached (programmable)**,
2. by pressing the <CLERK> key or **by removing the clerk insert key**, this stores any transaction information as well as signing off the clerk.

### 3. CLERK TIME AND ATTENDANCE

The clerk's working hours can be recorded by using the LOGIN/LOGOUT keys.

#### *Operation.*

- After a normal Clerk Sign On,
- enter 2-digit **JOB CODE** prior to LOGging IN if programmed so.
- press either the **LOGIN** or **LOGOUT** keys.
- After LOGIN/LOGOUT operations are done, Clerk sign on operation is required again.

If a clerk attempts to login while currently LOGGED IN, the ECR will mis-operate (beep), similarly attempting to LOGOUT while currently LOGGED OUT will cause a mis-operation.

A Login/out receipt will be automatically printed.

<pre> LOGIN      10 02/07/96 10:05  CLERK 001 ###888-001-0168-0001 02/07/96 10:05-R </pre>	<pre> -- login message and 2-digit job code -- login date &amp; time </pre>
--	---

<pre> LOGOUT 02/07/96 17:05  CLERK 001 ###888-001-0212-0001 02/07/96 17:05-R </pre>	<pre> -- logout message -- logout date &amp; time </pre>
---	--

This will record the date and time on the clerk memory at the operation occurred.

#### *Reports.*

Reports X/Z-19 and 8819 are available, which will include the following information.

<pre> X-19 ---ATTENDANCE REPORT---  CLERK 001 JOB HOURS 02/07/96 10:05 10 02/07/96 17:05 07:00 ----- </pre>	<pre> clerk name date &amp; time of login, job code date &amp; time of logout, hours worked </pre>
---	--

These reports will be in Clerk Order, and no attempt will be made to reconcile or sort the information. It is assumed that PC software will be written to manage the data provided. Batch (RS-232) reports will not include the hours worked calculation neither will they indicate whether the clerk was logged on at the time of the report.

If, on an internal report, the Log Out time is followed by an \* this indicates that the operator was still logged on when the report was taken (automatically logged off for Z reports).

Z-19 or Z-8819 will automatically log all clerks **OUT**.

***Programming.***

- \* The number of Login/Logout operations which may be stored to be adjusted by SP-112 Maximums.
- \* Job code is set by SP-123 Clerks.
- \* The system allows for each clerk to be assigned 2 specific job codes, the system can be flagged to enforce entry of one of these at **LOGIN** (SF-76).
- \* Entered Job Code is verified against the Clerk's permitted Job Codes or any Job Code 1~99 may be used (SF-76).

***Limitations.***

- \*The Hours Worked calculation does not take the date into account, if the **LOGOUT** time is prior to the **LOGIN** time, it is assumed that the operator has worked over midnight.
- \*The system functions in **stand-alone** mode, i.e. Clerks must log in and out on the same ECR. IRC reporting is available, however this does not consolidate any information, but simply prints each ECRs report.

## **10. FIXED / FLEXIBLE KEYBOARD**

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### **1. EXPLANATION OF FIXED / FLEXIBLE KEYBOARDS**

On the UX-7000 series ECR there are two keyboards present in memory. There is the Fixed Keyboard Layout (as shown on the next two pages) and there is the Flexible Keyboard Layout.

#### **a) Fixed Keyboard Layout**

This is set at the factory and cannot be changed. (see next two pages)

#### **b) Flexible Keyboard Layout**

The Flexible Keyboard Layout is user definable and can be set up so that the function keys are anywhere that the user wants them. This is done by programming and should be done by your Uniwell Dealer prior to installation.

## 11. FIXED FLAT KEYBOARD LAYOUT

The following key allocation is programmed at the factory. Please consult your Uniwell Dealer if any alterations are required. ( This is the fixed keyboard layout F0 ).

(DOUBLE) 1	(SAML) 8	(BACK SP) 15										CLER K
2	9	16	23	30	37	44	51	58	65	72	79	Å CLER K
@	#	\$	%	&	£	II	*	<	>	φ	⊖	CLER K
3	10	17	24	31	38	45	52	59	66	73	74	CLER K
1	2	3	4	5	6	7	8	9	0	-	/	CLER K
4	11	18	25	32	39	46	53	60	67	74	75	CLER K
Q	W	E	R	T	Y	U	I	O	P	.	,	CLER K
5	12	19	26	33	40	47	54	61	68	75	76	CLER K
A	S	D	F	G	H	J	K	L	Æ	:	?	CLER K
6	13	20	27	34	41	48	55	62	69	76	77	CLER K
(SPACE)	Z	X	C	V	B	N	M	Σ	Ä	Ö	Û	CLER K
7	14	21	28	35	42	49	56	63	70	77	78	CLER K
PAGE UP	↑ SCROLL	PRICE	PLU MODIFY 1	PLU MODIFY 2	PLU REPEAT	LOOK-UP PLU 1	LOOK-UP PLU 2	LOOK-UP PLU 3	↑ RPF	↑ JPF		RECEIPT OFF
PAGE DOWN	↓ SCROLL	ENTER	CL	X	CLERK	COOKING MESSAGE	% 1	% 2	% 3	⊖		BUFFER PRINT
MENU SHIFT 1	MENU SHIFT 2	MENU SHIFT 3	7	8	9	NON-ADD #	SEVER	ADJUST 1	ADJUST 2	SPLIT BILL (SPLIT CHECK)		SLIP PRINT
PRICE SHIFT 1	PRICE SHIFT 2	PRICE SHIFT 3	4	5	6	BILL # (CHECK #)	TABLE #	PERSON	P/O	DEPOSIT		SBTL
LOCATION 1	LOCATION 2	LOCATION 3	1	2	3	N.B. STORAGE	PRESET TENDER 1	PRESET TENDER 2	PRESET TENDER 3	PRESET TENDER 4		NO SALE
CR	VOID	REFUND	0	00	•	SPECIAL MEDIA	TTL 1	TTL 2	TTL 3	TTL 4		CASH TTL 8

## 12. FIXED STROKE KEYBOARD LAYOUT

The following key allocation is programmed at the factory. Please consult your Uniwell Dealer if any alterations are required. ( This is the fixed keyboard layout C0 ).

(DOUBLE) ↑ RPF	(SMALL) ↑ JPF	(BACK SP) CLERK	A 1	K 11	U 21	- BUFFER PRINT	& SLIP PRINT	RECEIPT OFF
CR	VOID	REFUND	B 2	L 12	V 22	: % 1	' % 2	% 3
PRICE SHIFT 1	PRICE SHIFT 2	PRICE	C 3	M 13	W 23	φ ADJUST 1	£ ADJUST 2	⊖
PAGE UP	↑ SCROLL	PLU REPEAT	D 4	N 14	X 24	< PLU MODIFY 1	II COOKING MESSAGE	NON-ADD #
PAGE DOWN	↓ SCROLL	ENTER	E 5	O 15	Y 25	Σ PLU MODIFY 2	* LOOK-UP PLU 1	LOOK-UP PLU 2
CL	X	•	F 6	P 16	Z 26	> BILL # (CHECK #)	@ TABLE #	PERSON
7	8	9	G 7	Q 17	Ä 27	? N.B. STORAGE	/ SPLIT BILL (SPLIT CHECK)	NO SALE
4	5	6	H 8	R 18	Ö 28	# SPECIAL MEDIA	P/O	SBTL
1	2	3	I 9	S 19	Û 29	\$ TTL 1	Ä TTL 2	TTL 3
0	00	000	J 10	T 20	Æ 30	% TTL 4		CASH TTL 8

The following pages contain a number of operation sequences. If there is no reference to a particular operation you require then please consult your Uniwell dealer.

## 1. NO SALE

Sign on a clerk, with the key turned to the 'R' position, using one of the methods described earlier and then press the <NO SALE> key. It opens the drawer 1 or 2 depending on programming (SP-113, SF-9 or SF-38/Clerk flag). This function can be restricted to work in the 'X' or 'Z1/P' key positions instead of 'R' by programming (SF-11).

## 2. PLU OPERATION

### a) Hard PLU keys

Hard PLU keys are programmed onto the keyboard and then have PLUs linked to them.

- Sign on a clerk, with the key turned to the 'R' position, and
- depress one of the pre-programmed PLU keys.

### b) Coded PLUs

Coded PLUs are any PLUs which are not allocated to a key on the keyboard. Also, they can be read by a scanner if it is fitted.

- Sign on a clerk,
- enter the code for the PLU using the numeric keys, and
- press the <PLU / REPEAT> key. Or simply scan the barcode.

### c) Look-up PLU keys

Look-up PLUs are keys programmed onto the keyboard and when it is pressed will display a pre-programmed list of PLUs so that the user can select an item or multiple items to register from the list.

- Sign on a clerk,
- press the required look-up PLU key,
- a list will be displayed. and
- a PLU or multiple PLUs can be chosen from the list by programming (SP-113, SF-20 & SP, Z1/P-140, Look-up PLU flag 1).

It is possible to have up to 127 look-up PLU keys, each one having 40 PLUs within it.

### 3. MANUAL PRICE ENTRY

A preset price for a PLU may be over-ridden with a manually entered price (up to 7 digits), if permitted by programming (SP-113, SF-16).

#### a) Hard PLU keys

- Sign on a clerk,
- enter the price using the numeric keys, then
- press the Hard PLU key.

The PLU will then be registered with that price instead of its preset price.

#### b) Coded PLUs

- Sign on a clerk,
- enter the price using the numeric keys,
- press the <PRICE> key,
- enter the code for the PLU using the numeric keys, then
- press the <PLU / REPEAT> key. Or simply scan the barcode after the manual price is entered.

#### c) Look-up PLUs

- Sign on a clerk,
- enter the price using the numeric keys,
- press the required look-up PLU key, select the PLU you want.

It is not possible to enter the price of subsequent PLUs when the look-up PLU has been programmed to stay until the <CL> key depressed for multiple item selections.

### 4. PLU MULTIPLICATION

A PLU may be registered up to 99 times; decimal quantities may be entered, if permitted by programming (SP, Z1/P-122, PLU flag 2).

#### a) Hard PLU keys

- Sign on a clerk,
- enter the quantity of PLUs using the numeric keys,
- press the <X> key (this is not required if direct PLU quantity has been programmed by SP-113, SF-16), then
- press the Hard PLU key you wish to multiply.

#### b) Coded PLU keys

- Sign on a clerk,
- enter the quantity of PLUs using the numeric keys,
- press the <X> key (must), then
- enter the code for the PLU you require multiplying, then
- press the <PLU / REPEAT> key. Or simply scan the barcode after the <X> key is pressed (if required).

#### c) Look-up PLUs

- Sign on a clerk,
- enter the quantity of PLUs using the numeric keys,
- press the <X> key (must),
- press the required look-up PLU key, select the PLU you want.

It is not possible to enter the quantity when the look-up PLU has been programmed to stay until the <CL> key depressed for multiple item selections.

## 5. PLU PRICE LEVELS

3 different price levels with a programmable name (by SP, Z1/P-130) are available for each PLU and each price level consists of 3 prices (making a total of 9 prices per PLU). The first price is the standard price and the next two may be used for 'Happy Hour', 'Evening', etc.

This function can be restricted to work in the 'X' or 'Z1/P' key positions instead of 'R' by programming (SP-113, SF-14).

The 2nd & 3rd prices of each price level can be accessed by using the PLU modifier keys. Refer to section 7. PLU MODIFIERS.

When the clerk is stored by the <CLERK> key, the current price level will be saved if programmed so (SF-23).

There are the following methods to shift the price level as follows:-

### a) Price level shift in the program

The price level may be changed using the PRICE LEVEL program (SP, Z1/P-108).

### b) Price level shift by key

This is only available if 'automatic price shift' has not been programmed. Depending on programming (SF-23), one price shift key shows the list of the price levels, then you can select the price level you want or each price level can be selected by depressing one of the <PRICE SHIFT 1 ~ 3> keys.

### c) Automatic price level shift

The price level may also be set to change at certain times during the day, by programming a start & finish time by using the PRICE LEVEL TIME program (SP, Z1/P-161 & SF-23). There can be up to 3 start & finish times for all 3 price levels. These timed changes can be set to change either in the middle of a sale or not, depending on programming (SF-23). Also, "days when price not changed" can be selected (SF-72).

## 6. PLU MENU LEVELS

Up to 5 different menu levels with programmable name (SP-130, #47~49,69,50) may be programmed into the ECR, e.g. 'Drink Menu', 'Lunch Menu', 'Dinner Menu', etc. These can be accessed at any time by either pressing one key which brings up a choice of menu levels or by pressing the relevant menu key for each menu required (SP-113, SF-24), then the menu brings the pre-programmed or the standard PLUs (SP, Z1/P-111 & SF-20).

The PLU menu level may also be set to change at certain times during the day, by programming a start & finish time by using the MENU SHIFT TIMES program (SP, Z1/P-162 & SF-24). There can be up to 3 start & finish times for 4 menus (not available for Menu 1). Also, "days when menu not changed" can be selected by programming (SF-73).

This function can be restricted to work in the 'X' or 'Z1/P' key positions instead of 'R' by programming (SF-13). When the clerk is stored by the <CLERK> key, the current menu level will be saved if programmed so (SF-23).

### Look-up PLU menu shift

A Look-up PLU is a function key, therefore menu shifts cannot be allocated in the same way as a PLU. SP-154 Look-up PLU menu shift program allows you to setup a menu shift value for the 2nd ~ 5th menu level. When the 2nd, 3rd, 4th or 5th menu level is selected, the look-up PLU menu shift value is added to the look-up PLU number - the look-up PLU is now shifted to the new number. For example, Look-up PLU 5 is assigned to menu level 1 - the LUP menu shift value for menu level 2 is 10. When the menu level is changed to menu level 2, look-up PLU number 15 is assigned to the keyboard.

## 7. PLU MODIFIERS (half / double, small / large)

There are two keys to modify PLU's price and quantity, e.g. To Half or Double an item, in the manner specified by programming (SP, Z1/P-122, PF-2). The <MODIFIER 1> key selects **the second price set** for each of the price levels and puts the key symbol name #1 or 3 (by PF-2) prior to the PLU description. The <MODIFIER 2> key selects **the third price set** and puts the key symbol name #2 or 4 as well.

The <MODIFIER> key must be pressed immediately before the PLU key or Look-up PLU key or PLU code is entered. Of course each PLU modified should have been programmed as "Modifier permitted" by PF-2.

## 8. CONDIMENTS

Condiments are items, such as accompaniments, which may be registered after a main PLU. Condiment PLUs are normally used on a system with kitchen printers, so that kitchen staff knows the exact requirements for each order. **Condiment PLU will be printed with symbol on the receipt.**

Any normal PLU may be programmed **to have up to 5 condiments by programming (SP, Z1/P-122, COND)** so that as soon as a main PLU is registered (and cooking instruction, if used, is selected), the ECR brings up to 5 groups of up to 8 condiments to be chosen from. The user then just selects one or more condiments from the list depending on programming **(SP, Z1/P-122, PF-4)**. **The ECR has up to 25 different condiment groups but only 5 can be used with each PLU.** A condiment group can be used with as many PLUs as required.

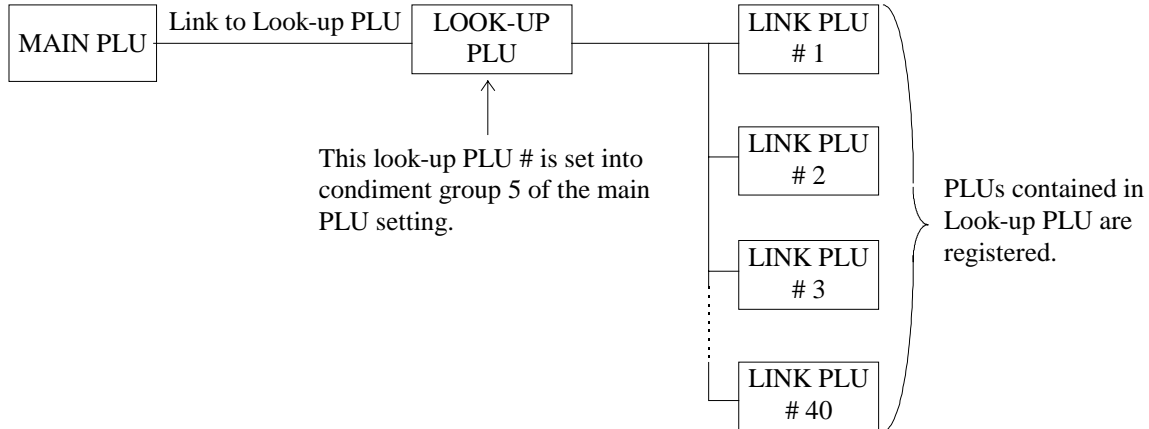
## 9. COOKING INSTRUCTIONS

Cooking instructions are simple instructions which may be added after a PLU has been registered in order to give details of how a customer would like his food to be prepared. Cooking instructions would normally be used on a system with kitchen printers so that the kitchen staff would receive more detailed instructions on how to prepare the orders. (e.g. rare, medium, well done).

**One of 20 cooking instruction group which contains up to 8 cooking instructions chosen from 64 is pre-programmed (SP, Z1/P-122, COOK).** So that as soon as a PLU item is registered the ECR will display a list of up to **8 cooking instructions**. The user then just has to select the appropriate instruction from the list. **Cooking instruction can also be accessed by entering the cooking instruction number followed by the <COOKING MESSAGE> key. This can only be done after a PLU that is linked to a kitchen printer has been sold.**

10. LINK PLUS (CHAINED UP TO 40)

Using this method, each Main PLU on the ECR can be linked to 1 ~ 40 PLUs as necessary. The **chained** link PLU is set up by programming (SP-113, SF-20.E=YES) and has to be linked to a selected Look-up PLU which can be set to contain up to 40 PLUs. Therefore when the Main PLU whose condiment group 5 has the selected Look-up PLU number is pressed, the PLUs linked in the Look-up PLU are sold immediately.



Please note that by using Link PLUs, "condiment group 5 is link" has to be selected by PLU flag (PF-4). Also, the number of condiment groups that can be linked to a PLU is reduced to 4 to accommodate the Link PLU.

EXAMPLE: Regular Hamburger

In this example the Main PLU is programmed as 'Reg. Hamburger' at a cost of 1.99, Look-up PLU 1 is programmed as 'Regular Hamburger' and it contains the following PLUs: Bun, Lettuce, Tomato Sauce & Cheese all with zero prices. Reg. Hamburger is linked to Look-up PLU number 1 (Regular Hamburger).

Therefore, if a Hamburger is now sold the items Bun, Lettuce, Tomato Sauce & Cheese will also be registered and sent to the Kitchen Printer (optional). The receipt will just show :

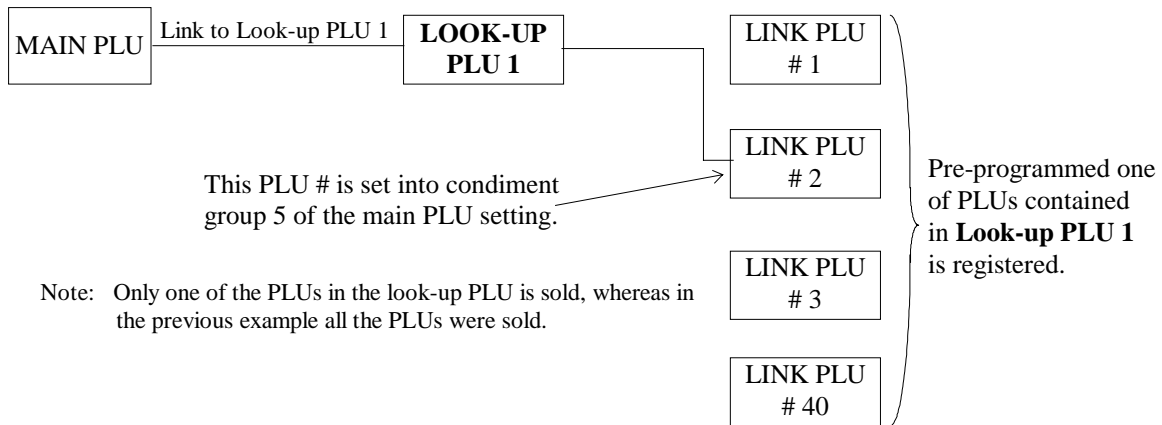
Reg. Hamburger	1.99
	-----
SUBTOTAL	1.99
CASH	2.00
CHANGE	0.01

The link PLUs are not shown because they are zero priced & the ECR is programmed not to print zero priced PLUs.

11. ONE LINK PLU (UN-CHAINED)

Using this method, each Main PLU on the ECR can be linked to only one PLU. The **unchained** link PLU is set up by programming (SP-113, SF-20.E=NO) and has to be linked to **Look-up PLU 1**. This Look-up PLU can **have** up to 40 PLUs, **however** when the Main PLU is pressed, one of the pre-programmed PLUs contained in the Look-up PLU 1 is sold automatically (cannot be selected at transaction time).

Please note that by using Link PLUs, **"condiment group 5 is link"** has to be selected by **PLU flag (PF-4)**. Also, the number of condiment groups that can be linked to a PLU is reduced to 4 to accommodate the Link PLU.



EXAMPLE: Regular Hamburger with free Soda

In this example the Main PLU is programmed as 'Reg. Hamburger' at a cost of 1.99, Look-up PLU 1 is programmed as 'Free Drink' and it contains the following PLUs: Milkshake, Soda, Lemonade, Orange, Ice Tea all with zero prices. Regular Hamburger is linked to Look-up PLU number 1 (Free Drink). Condiment group 5 for the Regular Hamburger PLU is set to 2 so that the second item in Look-up PLU 1 is selected.

Therefore, if a Hamburger is now sold, the item Soda will also be registered. The receipt will just show :

Reg. Hamburger	1.99
Soda	
	-----
SUBTOTAL	1.99
CASH	2.00
CHANGE	0.01

The link PLU is shown even though it is zero priced because the ECR is programmed to print zero priced condiments.

12. MEDIA OPERATION

Up to 20 different media may be used on this ECR and all of them may be programmed onto the keyboard. These can also be selected by using the <SPECIAL MEDIA> key with entering the media number which is not assigned on the keyboard. Any media may be used for foreign currency but TOTAL 8 must always be used as the CASH TOTAL for local currency. Also, if programmed, each media can have the signature line (key/symbol #56) on a receipt.

RING Pearl	100.00
	-----
MEDIA 01	100.00
SIGNED :	
.....	

Sign on a clerk, register the items then press the required media key.

The media operation with tendering is similar, sign on a clerk, register the items, press the <SUBTOTAL> key, enter the amount tendered using the numeric keys, then, press the required media key.

More than one media amount can be used if the customer is paying with mixed media. For example if the customer has some tokens & some cash.

Automatic Transaction Closing Function

If programmed by SP-113, SF-76, when the clerk is signed off, the transaction is automatically closed by the TTL 8 (CASH). The transaction of bill or table will be automatically closed by New Balance. The transaction is also closed automatically by time-out setting (SF-17).

Up to 31 seconds of time-out value for automatic closing is available only if "non-clerk interrupt system" (SF-17) and "automatic closing" (SF-76) have been selected.

13. PRESET TENDERING

The ECR can have up to 5 preset tender keys. These are used to tender an amount into TOTAL / CASH by using just one key depression. These amounts are determined by programming.

Sign on a clerk, register the items, press the <SUBTOTAL> key to see how much should be tendered, then press the required <PRESET TENDER> key.

### 14. SPECIAL MEDIA

The <SPECIAL MEDIA> key is used to select a media that does not have a specific key on the keyboard.

Sign on a clerk, register the items, select the media you want using the numeric keys, press the <SPECIAL MEDIA> key **twice** (see below).

To tender using the special media key,

- sign on a clerk,
- register the items, press <SUBTOTAL>,
- select the media required using the numeric keys,
- press <SPECIAL MEDIA>,
- enter the amount tendered using the numeric keys,
- press <SPECIAL MEDIA> again to finalize the transaction.

### 15. FOREIGN CURRENCY

Any of the media can be set up to be used as foreign currency. When tendering foreign currency the ECR can be set up to give change from the local currency or from any of the media.

- Sign on a clerk,
- register the items,
- press the foreign currency media key, this will then give a subtotal in both the foreign currency and local currency,
- enter the amount of foreign currency tendered,
- press the foreign currency media key again.

Foreign currency media can also be selected by using the <SPECIAL MEDIA> key.

## 16. TAX SYSTEM

Up to 4 different tax rates may be programmed into the ECR and each PLU may be given one or more of these tax rates. The ECR may be programmed to use either the VAT system where the VAT content of the sale is calculated and shown at the end of the sale, or the ADD-ON-TAX system where the tax is calculated and added on to the total at the end of the sale.

### a) VAT system

When using this system the VAT content of the sale is calculated and then shown at the end of the sale.

For example if the VAT is 17.5% and a sale for 1.00 is registered, the ECR will show a cash total for 1.00; a taxable sales total of 0.85 with a VAT amount of 0.15.

### b) ADD-ON-TAX system

When using this system the tax is calculated and added on to the total at the end of the sale.

For example if the tax rate is 17.5% and a sale for 1.00 is registered, the ECR will show a subtotal for 1.00; a taxable sales total of 1.00 and 17.5% of 1.00 will be calculated and rounded up to 0.18 and the due cash total will be 1.18.

## 17. TAX SHIFTS

### *ADD-ON-TAX SHIFTS 1 ~ 4*

The add-on tax shifts alter the status of a sale by toggling the tax on or off for the PLUs. If, for example, PLU number 2 is using tax 2 and for a registration you do not wish to charge tax for this PLU, then immediately before registering the PLU, press the <TAX SHIFT 2> key. The symbol T2 will appear on the second line of the display to show that tax 2 has been toggled on/off depending on how the PLU is programmed.

### *VAT SHIFT*

This function can be used for **Eat-in/Take-out** operation. Only when 'VAT shift enabled' is set, the tax levels are limited to 1 & 2 for a normal operation and 3 & 4 for a shifted operation by the <TAX EXEMPTION> key as shown in the chart below. Pressing the <TAX EXEMPTION> key during a transaction will toggle between 'normal' and 'shifted' conditions. Key/Symbol name #68 is displayed when the <TAX EXEMPTION> key is pressed to show the shifted condition on the LCD screen.

PLU's TAX STATUS	VAT shift enabled (SF-5.B=YES)			VAT shift disabled (SF-5.B=NO)
	NORMAL	VAT SHIFT SF-5.G=NO	VAT SHIFT SF-5.G=YES	
Non-taxable	Non-taxable	Non-taxable	Non-taxable	Non-taxable
Taxable 1	<b>Taxable 1</b>	Non-taxable	Non-taxable	Taxable 1
Taxable 2	<b>Taxable 2</b>	Non-taxable	<b>Taxable 2</b>	Taxable 2
Taxable 3	Non-taxable	<b>Taxable 3</b>	<b>Taxable 3</b>	Taxable 3
Taxable 4	Non-taxable	<b>Taxable 4</b>	Non-taxable	Taxable 4

Sample use of VAT shift

**Preset conditions**

1. VAT shift enabled
2. "Take out" has been programmed by SP-130  
Key/Symbol name #68.
3. VAT rates  
 VAT 1 = 12% : Eat-In Drink  
 VAT 2 = 7% : Eat-In Food  
 VAT 3 = 8% : Take-Out Drink  
 VAT 4 = 5% : Take-Out Food

**Eat-In** : Taxes 3 & 4 are omitted automatically.

Key  
 Soda (taxable 1 & 3)  
 Hamburger (taxable 2 & 4)  
 CASH

Receipt	
SODA	1.00
HAMBURGER	2.00
-----	
C A S H	3.00
VAT SALES 1	0.89
VAT 1	0.11
VAT SALES 2	1.87
VAT 2	0.13

**Take-Out** : Taxes 1 & 2 are omitted automatically.

Soda  
 Hamburger  
 TAX EXEMPT.  
 (displays "Take out")  
  
 CASH

SODA	1.00
HAMBURGER	2.00
-----	
C A S H	3.00
VAT SALES 3	0.93
VAT 3	0.07
VAT SALES 4	1.90
VAT 4	0.10

## 18. TAX EXEMPTION (ADD-ON TAX SYSTEM ONLY)

The <TAX EXEMPTION> key may be used at the end of a transaction to exempt the whole transaction from a particular tax rate, e.g. the whole sale could be exempted from tax 2.

At the end of a transaction,

- press the <TAX EXEMPTION> key, the display will show the 4 tax rates above the SUBTOTAL line;
- to choose individual tax rates press the <TAX SHIFT> key that corresponds to the tax you want to exempt,
- then press the <TAX EXEMPTION> key again.

The sale can now be finalized.

Tax exemption can be prohibited for any individual tax level by programming. **Also, the receipt including bill and buffer print does not show any exemption details if programmed. Regardless of the programming, the tax exemptions are always shown on the journal.**

### Tax Exemptions at Storage

Either 'Tax exemption at storage will be lost' or 'will not be lost and the exempted tax figures will be updated' can be programmed. If 'will be lost' is programmed, it is impossible to correct the items sold prior to storage after pick-up.

### 19. MANUAL MESSAGE / NON-ADD NUMBER

**The manual message operation** can be used to print user entered details onto the receipt. Up to 16 alpha / numeric characters can be entered at one time.

- Sign on a clerk,
- press the <X> key,
- type in the characters (max. 16) using the 'qwerty' keyboard (e.g. when using flat keyboards),
- when you have finished press <ENTER> to accept the characters.

**The non-add number operation** can be used to print user entered numbers onto the receipt. Up to 16 numeric digits can be entered at one time.

- Sign on a clerk,
- enter the numbers (max. 16) using the Ten-keys,
- when you have finished press the <NON-ADD #> key to accept the numbers.

### 20. PERCENTAGE OPERATION

Each of the three percentage keys may be used to calculate a discount or add-on charge to either the subtotal of a sale or on individual items, depending on programming (SP-113, SF-28~30). The percentage value may be entered manually (SF-28~30) or may be preset (SP, Z1/P-151) by programming.

#### a) Preset percentage on subtotal

Register the items you wish to discount / add-on charge, immediately before finalizing press the < % > key you require. The percentage of the subtotal will be discounted from / added on to the subtotal.

#### b) Manual percentage on subtotal

Register the items you wish to discount / add-on charge, immediately before finalizing enter the amount to discount / add-on then press the < % > key. The percentage of the subtotal will be discounted from / added on to the subtotal.

#### c) Item discount / add-on charge

If any of the three percentages available is programmed to be used as 'item percentage', then pressing the required < % > key will automatically discount from / add-on to the item registered prior to the < % > key depression.

## 21. AMOUNT DISCOUNT

The amount discount < - > key is used to subtract an amount of money from the subtotal of a sale. The amount of the discount may be entered manually (SP-113, SF-9) or preset (SP, Z1/P-107) by programming.

### a) Preset amount discount

Immediately before finalizing a sale press the amount discount < - > key. The preset amount will be subtracted from the subtotal.

### b) Manual amount discount

Immediately before finalizing a sale enter the amount to discount using the numeric keys, then press the amount discount < - > key. The amount entered will be subtracted from the subtotal.

## 22. ITEM CORRECT (CR)

The item correct <CR> key is used to remove a registration line from a sale. It may be used to correct the last registered item, or, if permitted by programming, it may be used to correct a previously registered item, by scrolling backwards / forwards until the required item is highlighted by the cursor and pressing the <CR> key (SP-113, SF-39). This function can be restricted to work in the 'X' or 'Z1/P' key positions instead of 'R' by programming (SF-10).

To correct the previous item, just press <CR> immediately after registering it. To scroll backwards / forwards, just use the <SCROLL BACK> / <SCROLL FWD> keys until the item you want to correct is highlighted by the cursor, then press <CR>.

## 23. VOID

The <VOID> key is used to void (correct) previously sold items. It is also used to reduce the number of persons. This function can be restricted to work in the 'X' or 'Z1/P' key positions instead of 'R' by programming (SP-113, SF-10).

Sign on a clerk, press the <VOID> key, register the items you wish to void, then finalize the sale, or to continue normal operation press the <VOID> key again. The second depressions of <VOID> toggles out of the voiding mode.

## 24. REFUND

This key may be used to refund previously sold items. This function can be restricted to work in the 'X' or 'Z1/P' key positions instead of 'R' by programming.

Sign on a clerk, press the <REFUND> key, register the items you wish to refund, then finalize the sale or to continue normal operation, press the <REFUND> key again. The second depressions of <REFUND> toggles out of the refunding mode.

### 25. PAID OUT

This key is used to show when money has been taken out of the ECR, for example, to pay for something or to collect money from the cash drawer. The 8 options are programmable and can be changed according to requirements.

- Sign on a clerk,
- press the <PAID OUT> key, a list will be displayed with 8 options on it,
- choose the option which is required by either pressing the corresponding number or by scrolling backwards / forwards and pressing the <ENTER> when the correct option is highlighted,
- enter the amount to be paid out using the numeric keys, then
- select the media by which the amount is to be paid out, e.g. CASH.

### 26. DEPOSIT IN / DEPOSIT OUT

This key is used to print out a deposited amount onto the receipt or to accept a previous deposit as part of the final payment. **This function can be restricted to work in the 'X' or 'Z1/P' key positions instead of 'R' by programming (SP-113, SF-13).**

#### a) Deposit In

When a customer is paying a deposit,

- sign on a clerk,
- enter the amount of the deposit and
- press the <DEPOSIT> key and a media key.

A receipt will be printed for the customer to keep as proof of payment.

#### b) Deposit Out

When the customer wishes to pay the whole amount, the deposit can be taken into account at the beginning by pressing the <DEPOSIT> key and then entering the amount followed with depression of a media key. This deposit out will then be subtracted from the total value of the registered items.

## 27. BILL / TABLE TRACKING SYSTEM - EXPLANATION

The bill / table tracking system records detailed registration contents for each bill. The bill is identified by a bill number or a table number. It can be opened and temporarily closed as many times as necessary until it is finally closed by a media key.

Tracks can be picked up and stored either by table number or by a bill number or both. Multiple bills can be stored for each table if allowed by programming.

### Multiple Bills per Table

If set by programming (SF-37), it is possible to have more than one bill assigned to each table. This function is useful, for example, if there are two groups of people at one table, each group wishing to pay separately.

### Auto Assign Bill # Function

This function, if set by programming (SF-37), makes the ECR assign a sequential bill number automatically to a track when storing.

### Auto Bill # Unique Function

This function, if set by programming (SF-37), makes the ECR automatically assign a bill number whose leftmost digit represents the ECR's ID number. For example, ECR 1's bills will be 10001 ~ 19999 and ECR 2's 20001 ~ 29999. This therefore makes the bill number unique and the same bill number cannot be created on any other ECRs in a network, although it can still be picked up by these ECRs using the floating track system.

### Bill # System

If using the Bill # system, the user must, when storing a track, give the ECR a 5-digit of bill number, unless the 'AUTO ASSIGN BILL NO' function is set.

The user may also assign a table number for the track, but this is not compulsory.

### Table # System

If using the Table # system, the user must, when storing a track, assign a 3-digit of table number to the track.

The user may also assign a bill number for the track, but this is not compulsory. If the 'AUTO ASSIGN BILL NO' function is set then the ECR will automatically assign a bill number to this table when storing.

## 28. BILL / TABLE TRACKING OPERATIONS

### 1) Bill # System

#### *Assigning a bill number*

A **5-digit** of bill number can be assigned to a transaction at any time during the transaction by pressing the <BILL #> key, entering a number for the bill, then pressing <ENTER>.

A bill number can also be assigned at the end of the sale by pressing <N.B./STORAGE>, in this case the ECR will request a bill number which can be input by using the ten-key and then pressing <ENTER>. If 'AUTO ASSIGN BILL NO' function is set then a bill number will automatically be assigned when storing.

#### *Storing a bill*

A bill can be stored at any time during the transaction by pressing the <N.B./STORAGE> key. The bill is immediately stored and the clerk signed off (unless programmed to stay on). If a bill number has not already been entered then the ECR will ask for a bill number before storing the transaction. The ECR will NOT ask for a bill number if the 'AUTO ASSIGN BILL NO' function is set, in this case it will generate it's own bill number and store the bill immediately.

#### *Retrieving a bill*

A previously stored bill can be retrieved at any time by entering the bill number and then pressing the <BILL #> key. The bill will be retrieved and the transactions it contains will be displayed on the screen (unless programmed not to do so **by SF-37**). Further operations can now be performed and the bill can be stored and retrieved as many times as necessary until it is finalized by a media key.

### 2) Table # System

#### *Assigning a table number*

A **3-digit** of table number can be assigned to a transaction at any time during the transaction by pressing the <TABLE #> key, entering a number for the table, then pressing <ENTER>. A table number can also be assigned at the end of the sale by pressing <N.B./STORAGE>, the ECR will then request a table number which can be input and followed by pressing <ENTER>.

#### *Storing a table*

A table can be stored at any time during the transaction by pressing the <N.B./STORAGE> key. The table is immediately stored and the clerk signed off (unless programmed to stay on). If a table number has not already been entered then the ECR will ask for a table number before storing the transaction. If the 'AUTO ASSIGN BILL NO' function is set, the ECR will generate its own bill number and a table number input will be requested.

#### *Retrieving a table*

A previously stored table can be retrieved at any time by entering the **table** number and then pressing the <TABLE #> key. The table will be retrieved and the transactions it contains will be displayed on the screen. Further operations can now be performed and the table can be stored and retrieved as many times as necessary until it is finalized by a media key. If multiple bills per table are being used, retrieving a table will display a list of the bills it contains for the user to choose from (max. bills per table is 8).

## 29. BILL / TABLE TRANSFER

With the Bill / Table Tracking System in use, the transfer is available when using either the table number system or the bill number system and with either automatic bill numbers or manual bill numbers.

When a bill / table is transferred, the bill / table being transferred to will inherit all the details from the source bill, the source bill will then be deleted.

### a) Transferring by Bill Number

- Sign on a clerk,
- open the Bill you wish to transfer **TO** either by creating it or by opening an existing bill,
- enter the number of the bill you wish to transfer **FROM** and
- press the <BILL #> key.

The current bill will now have the contents of the old bill transferred to it and the old bill will be deleted.

### b) Transferring by Table Number

- Sign on a clerk,
- open the Table you wish to transfer **TO** either by creating it or by opening an existing table,
- enter the number of the table you wish to transfer **FROM** and
- press the <TABLE #> key.

The current table will now have the contents of the old table transferred to it and the old table will be deleted.

### c) Changing Table Number

When the table is already opened, the table number can be changed without having to transfer it by simply pressing <TABLE #> and entering a new table number.

### d) Split Bill

- Sign on a clerk,
- open the Bill you wish to split,
- press the <SPLIT BILL> key,
- select the item you wish to transfer by using the <SCROLL FWD/BACK> keys and press the <ENTER> key, then the selected item will show a "TRANSFERRED" message on the display. You can repeat this operation to transfer other items.
- After the item(s) transfer is completed, press the <SPLIT BILL> key again to finish the split (original) bill operation, then the split bill is automatically N.B. closed.

The transferred items are displayed, then continue the registration, press a media key to close the new transaction, press the <BILL #> / <TABLE #> key to close the new transaction as a new bill as required.

### 30. NUMBER OF PERSONS

The Number of Persons can be entered using the <PERSON> key. The ECR can be set by programming to allow just one type of person or a list can be displayed on pressing the key so that the number of persons can be further split into groups, for example, 2 Adults and 3 Children.

To enter the number of persons, just enter the number of persons and press the <PERSON> key. If set to display a list then the ECR will do so, upon depression of the <PERSON> key, enabling the user to choose a person type by selecting off the list. The ECR will only display the last person type selected. The number of persons will be displayed every time the transaction is recalled.

### 31. SERVER NUMBER

The Server number can be entered using the <SERVER> key. This function is useful in setups where one person serves a table and he/she will be the only one to serve that table.

To enter a server number, just enter a number and press the <SERVER> key. The ECR will then display the server number every time that particular transaction is recalled.

## 32. SUBTOTAL BILL OPERATIONS

On the UX-7000/7500 a subtotal bill **with a single line header** can be printed on either the slip printer (TP-620) or on the internal receipt printer. If using a UX-M750 then the buffer print can be done on a remote receipt printer, or on a slip printer if fitted.

If 'Instant Subtotal Bill permitted' (SF-65) has been programmed, you can print Subtotal Bill anytime during a transaction by pressing the <BUFFER PRINT> key. If it is not permitted, you must have a bill / table which has previously been stored to print a subtotal bill. **The difference between the normal subtotal bill and the instant subtotal bill is that the instant one will not have the last line information and bottom logo.**

If programmed, all subtotal bills will have a blank TIP line and blank SUBTOTAL line after the normal Subtotal line on the bill. When printing on a Slip then by adding the TIP after the subtotal bill will cause a full bill to be printed after payment has been entered.

There are two methods to issue a normal subtotal bill such as "subtotal bill by table number" or "by bill number".

### ***SUBTOTAL BILL BY TABLE NUMBER***

- Sign on a clerk,
- press the <TABLE #> key,
- enter the number of the table using the numeric keys and
- then press the <BUFFER PRINT> key, or press the <SLIP PRINT> key.  
(<BUFFER PRINT> prints the subtotal bill on the internal / external receipt printer and <SLIP PRINT> prints on the slip printer), or
  
- Sign on a clerk,
- enter the table number using numeric keys and
- press <BUFFER PRINT> key or <SLIP PRINT> key.

### ***SUBTOTAL BILL BY BILL NUMBER***

- Sign on a clerk,
- press the <BILL #> key,
- enter the number of the bill using the numeric keys and then press the <BUFFER PRINT> key, or press the <SLIP PRINT> key.  
(<BUFFER PRINT> prints the subtotal bill on the internal / external receipt printer and <SLIP PRINT> prints on the slip printer), or
  
- Sign on a clerk,
- enter bill number using numeric keys and
- press <BUFFER PRINT> key or <SLIP PRINT> key.

## 33. CHECK-OUT BILL OPERATIONS

On the UX-7000/7500 a check-out bill **with a single line header** can be printed on either the slip printer (TP-620) or on the internal receipt printer. If using a UX-M750 then the check-out bill can be printed on a remote receipt printer or on a slip printer if it is fitted. To print a check-out bill you must have a bill / table which has previously been stored. Check-out bill issue compulsory can be programmed (SF35,E & SF36,F).

- Sign on a clerk,
- enter the number of the table or bill using the numeric keys and
- press the <TABLE #> / <BILL #> key to pick up the bill.
- Then press one of the media keys to finally close the bill.
- Press the <BUFFER PRINT> key to print the check-out bill on the internal printer or press the <SLIP PRINT> key to print it on the slip printer.

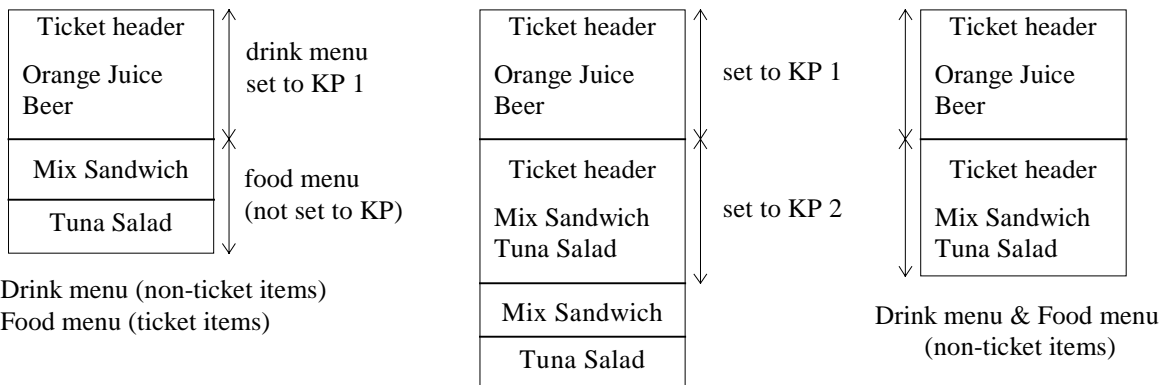
## 34. TICKET SYSTEM

If PLU is set to Ticket item (PLU flag 3) and TICKET SYSTEM (SF-70) has been programmed, number of tickets preprogrammed by linked group (single, double, triple or quadruple ticket) will be printed prior to a normal receipt issue when the transaction is closed. Each ticket will have a **consecutive ticket number, logo, PLU price, PLU centered, last line, single line top logo and single line bottom logo** if programmed. Paper cutting method is fixed to a full cut.

If PLU is set to Ticket item and "Single ticket item enabled" (SF-70) has been programmed, the PLU is closed automatically as a single item without a media key depression. However, before this single ticket item is entered, if a non-ticket item is entered, then the transaction will not be closed automatically.

If the internal KP function with ticket function is used, many types of ticket issue are also available. (The internal KP issues are used as ticket.)

For example,



KP names are used for the ticket headers.

Drink menu (non-ticket items)  
Food menu (ticket items)

**Options.**

1. PLU Modifier Description (Large, Small, etc.) is printed.
2. Ticket Issue on the Remote Printer is available for the UX-M750.
  - NA-710/730 + CBM-231 : Ticket issue with auto-cut function
  - TP-420 : Ticket issue without auto-cut function

## 35. COUPON PLU

Many coupons are available using PLU. Coupon PLU can be set by SF-122 PLU flag 4 and if programmed so the sales of all coupon PLUs are added to the TTL 20 memory. The total sales amount of coupon can be confirmed on the transaction report and the sales amount of each coupon PLU are shown on the coupon PLU report but will not be shown on the PLU reports.

When Coupons are used, the total sales amount of transaction with the key/symbol name #66 will always be printed at the end of the receipt.

**Registration**

**Receipt sample**

PLU	PLU name	10.00	
PLU	PLU name	20.00	
Coupon 1	Coupon 1	-5.00	
Coupon 2	Coupon 2	-10.00	
CASH	C A S H	15.00	
	Coupon tot	15.00	← TTL 20 memory is used (if programmed), not printed if programmed
	Tax sales 1	28.04	
	Tax 1	1.96	
	T O T A L	30.00	total sales amount (key/symbol #66)

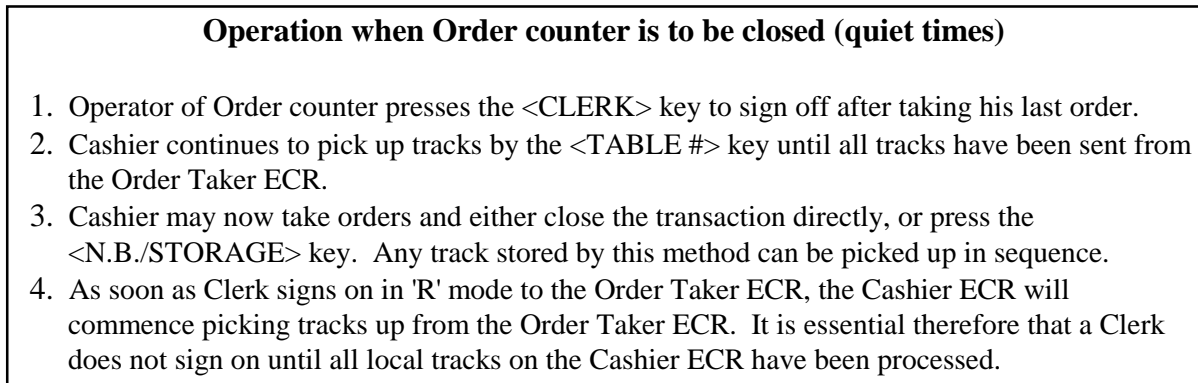
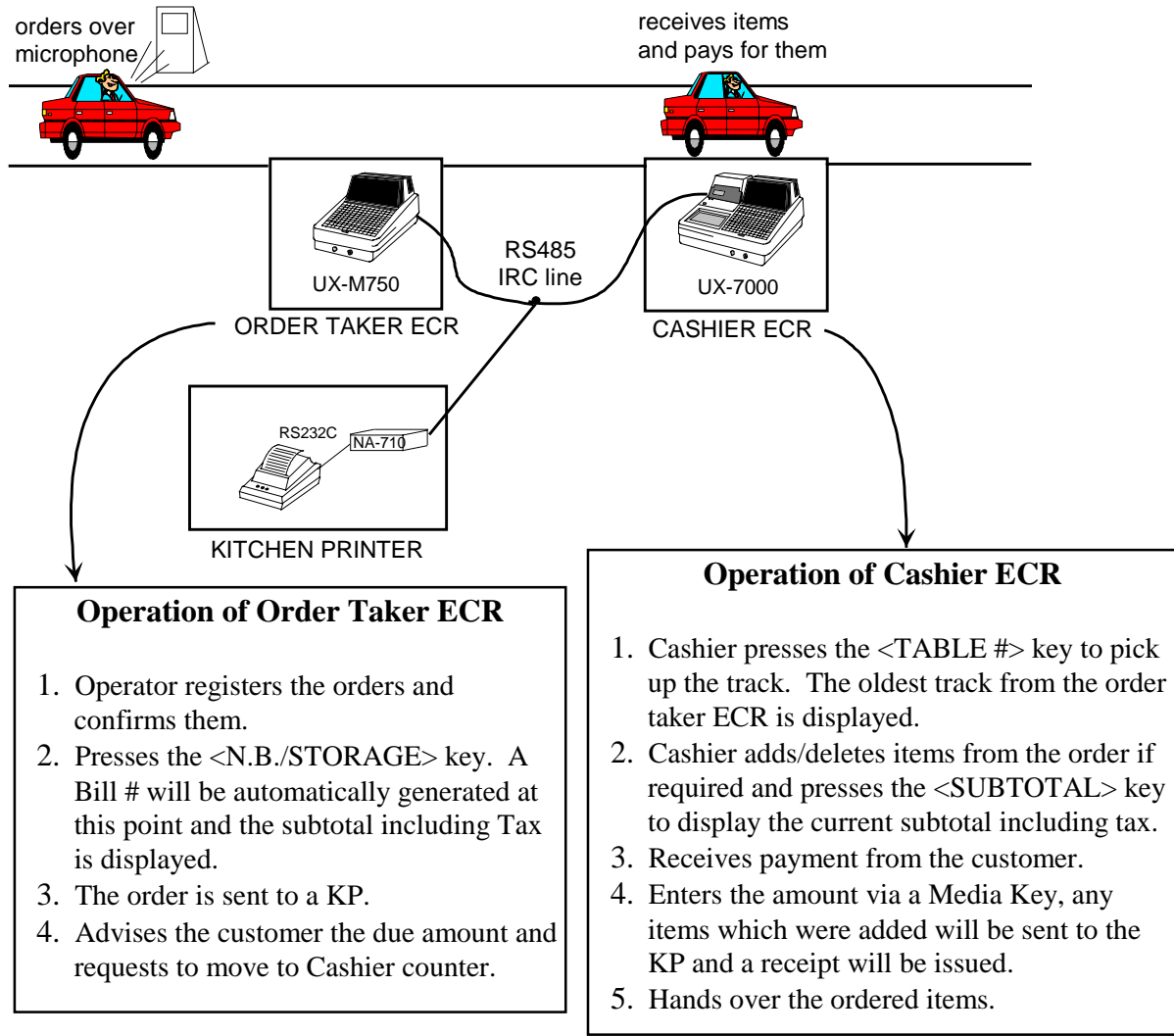
## 36. TIP OPERATION

Tip amount can be entered using the <TIP> key. First enter Tip amount then press the <TIP> key. Tip amount is shown on Transaction reports and Clerk reports. However, it is not added to the hourly sales and grand total.

## 37. DRIVE THRU FUNCTION (with Floating Track System)

This function will be available under the following settings:

- Drive thru enabled (SF-74)
- Order taker ECR ID (SF-74) --- required if several ECRs are used
- Floating track system (SF-45)
- Auto assign bill number (SF-37)
- Auto assign bill number unique (SF-37)

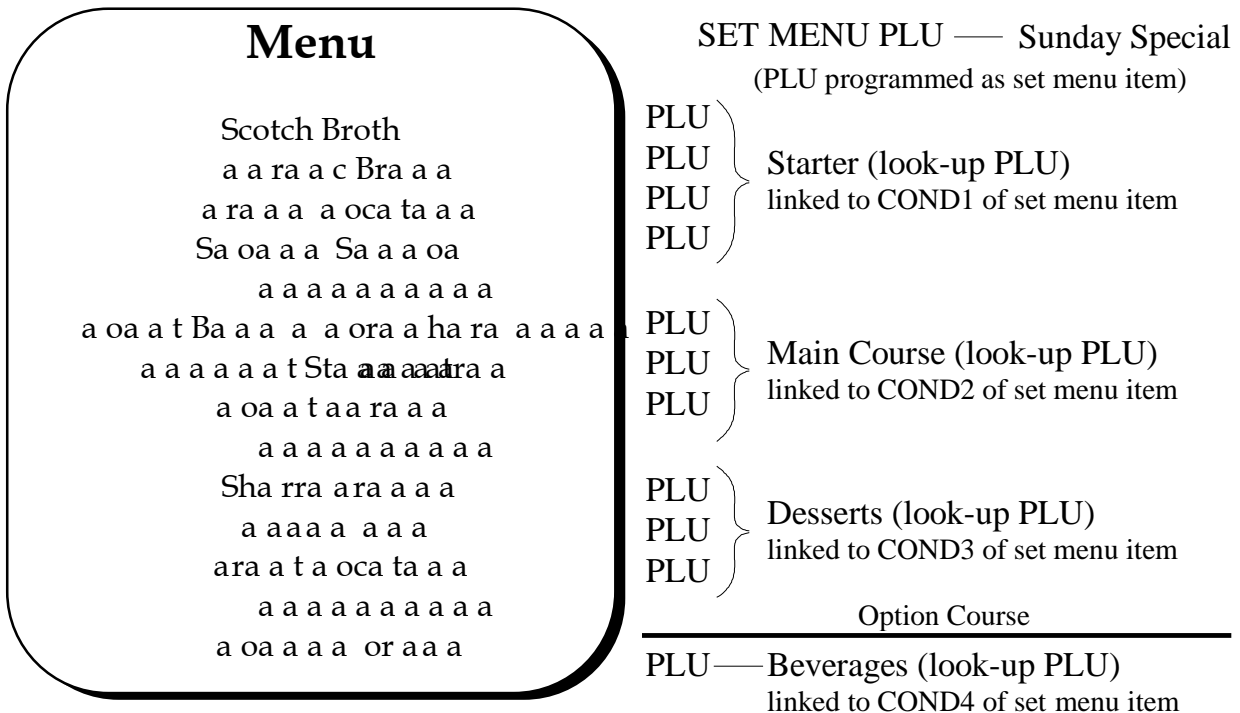


38. SET MENU

**Overview.**

This feature expands the operation of the *Look-up PLUs* in order to link a number of Lists together as might be seen on a restaurant menu as shown in the example below.

With the new *Set Menu* feature, these may now be accessed and charged for by pressing one SET MENU PLU key. Up to 3 *courses* may be offered on first selecting the item, and 2 further courses selected later (e.g. Desserts & Beverages).



**Procedure.**

In order to implement this a number of steps need to be followed.

- 1.\* Program PLUs for each of the items on the menu. These may include any cooking instructions and/or condiment PLUs. They will of course need prices in the relevant Price Levels. In addition, if there is any supplementary charge to be added to the Set Menu price, as can be seen with *Halibut Steak* this must be entered into the *Extra Price* field for the PLU.
2. Create Look-up PLUs for each of the courses (e.g. Starter, Main Course, Desserts and Beverages). Assign the PLUs to the Look-up PLUs.
3. Program one PLU as the Set Menu item (e.g. Sunday Special) by PLU flag 5. Set its COND links to the required Look-up PLUs. The first 3 COND links are the courses which will be offered initially, the last 2 CONDS are the ones which may be selected later.
4. Allocate the PLUs to the keyboard as normal.
5. Add the SET MENU OPTION 1 & 2 Keys to the keyboard also, these allow selection of the last two COND items from the Set Menu PLU.

**Operation.**

1. Sign a clerk on.
2. Press the PLU key which has been programmed as "set menu item". The first *Lookup Group* (Starters) is appeared.
3. Select the required item and any cooking instructions/condiments which are offered. (The <CLEAR> key cancels the Set Menu at this point.)
4. The second *Lookup Group* (Main Course) is appeared.
5. Select which Main Course is required and any cooking instructions/condiments offered.
6. If a third *Lookup Group* is programmed, this too will be offered.
7. A Bill/Table Number may then be allocated and the transaction stored.
8. When the remaining Set Menu courses are required to be added, pick-up the bill.
9. The first of the remaining courses - the 4th *Lookup Group* (e.g. Desserts) - may be offered by programming option. Or press the <SET MENU OPTION 1> key for the 4th *Lookup Group*.
10. The <SET MENU OPTION 2> key will offer the final course.

**Options.**

1. 'PLU offers at pick up' (SF-16.G) will automatically prompt the operator for remaining courses when the bill is picked-up. If both 4th and 5th courses exist, at this time only the first one will be presented. In order for the last course to be presented, the operator must either store the bill and pick it up again or press the <SET MENU OPTION 2> key.
2. PLUs entered as the set menu item will not be printed if programmed (SF-64.F). However, it WILL appear if they have an extra price for a supplementary charge.

**Limitations.**

1. PLUs in Look-up PLUs **must** exist and be available for use in normal operation. If for any reason they cause a mis-operation the Set Menu function will fail to proceed to the next link.
2. None of the items linked to the Set Menu PLU can be corrected on their own, the whole of the Set Menu **must** be corrected.
3. Correcting the Set Menu PLU **will not** remove any of the 4th/5th Option Courses these **must** be corrected separately.
4. If unused options are still allocated to a Set Menu PLU and this item is transferred to another bill, the unused options will also be transferred. The 4th/5th Option Courses which have already been used **must** be transferred separately.
5. If one of the 4th/5th option courses is corrected, it cannot be re-entered unless ALL options are re-enabled (see below).

**Re-enabling Option Courses**

In order to allow for *corrected options* to be accessed again, the following procedure must be followed:-

1. Turn Control Key to **X**.
2. Select the **Set Menu PLU** again, this will insert markers for the **two options** into the track.  
- Nothing will be seen on the LCD.
3. Turn the Control Key to **R**.
4. Press the required **Set Menu Option** key.

Note: It must be noted that there is **no limit** to the number of times this operation may be performed and if two *options* are available for the Set Menu, **both** will be added into the track even if only one of the *options* has been corrected.

### 39. SEAT NUMBER SYSTEM

#### *Assigning Seat Numbers.*

Immediately after a clerk signs on, **SEAT # 1** is assigned to the transaction automatically. To assign a new seat number, first enter the seat number and depress the <SEAT> key, then the display will indicate the new current seat number.

#### *Changing Assigned Seat Numbers.*

1. Move the cursor to the item you wish to change.
2. Press the <SEAT> key. A message advising 'Assign New Seat' (Warning Message #79) will be displayed. (<CLEAR> reverts to normal sales mode.)
3. Enter the new seat number and press the <ENTER> key. **Note that the display will not alter at this point.** If you wish to view the changes, store and retrieve the Clerk. Only the Major PLU or Set Menu PLU can be changed, all related items will be changed automatically.

#### *Splitting Seats to Another Bill.*

All the items assigned to a seat may be transferred to another bill. It is available by multiple seat number selection, e.g. Seats 1 & 3 may be split into a bill of their own. Items split from a bill will **always** maintain their Seat Number identity.

1. Press the <SPLIT> key.
2. Enter the number of the seat to be transferred and press the <SEAT> key. All the items will be marked as transferred.
3. If another seat is to be transferred to the same bill, repeat step 2.
4. If individual items are to be transferred, select item as normal using the Scroll and Enter keys. (Note that they will take their seat identity with them.)
5. Press the <SPLIT> key to finalize the operation.

#### *Subtotal Bill.*

This operation has not changed, either press the <BUFFER PRINT> key from within the transaction, or enter the bill/table number and press <BUFFER PRINT>. The subtotal bills in Seat Number system will be printed out in **seat order**.

Notes.

- The PLUs within each seat are automatically sorted into Major Group Order.
- If consolidation is selected then the items will be consolidated within the seat order.
- For Add-on Tax systems, a MEMO TAX line is included before the Subtotal. It should be noted that if all the taxes are added together they will **not** match the total tax printed at the end of the bill, this is due to rounding calculations and tax table splits.

#### *Final Bill/Receipt.*

The final bill will **not** be printed in seat order unless flagged to do so (SF-79), or the following operation is performed. The final receipt normally prints in the standard format, i.e. the items will be separated into category or major group according to the flags.

1. Press <BUFFER PRINT>.
2. Press <SEAT>.
3. Press <BUFFER PRINT>.

### *Limitations.*

1. Where SET MENU PLUs are in use, the SEAT **must** be selected prior to pressing the <SET MENU OPTION> key, as only options for that SEAT will be displayed.
2. Printouts in Seat Order will be automatically stored into Major Group Categories, although the subtotals for these would normally be flagged not to appear on the receipt.
3. Transferring a Bill into a current transaction will bring the seat numbers with the PLUs, i.e. if there are items on Seat 1 in the current bill and items on seat 1 in the bill being transferred they will *all* be marked as assigned to seat 1.

## 40. CARD DATA CAPTURE

Up to 20 digits of card information (from the first data field) are captured as **Non-Add Account operation** by using the <ACCOUNT #> key.

- Press the <ACCOUNT #> key.
- ECR prompts for Swipe Card, at which point the card may either be swiped, or the number entered.

*Note.* Only 16 digits are permitted when a card number is entered manually followed by the <ACCOUNT #> key.

## 41. PRICE INQUIRY

You can see the PLU price by using the <PRICE> key.

- Press the <PRICE> key followed by Hard PLU key, PLU Number entry & <ENTER> or scan item. In addition the modifier key may be pressed after the <PRICE> key however it will not be displayed until the PLU has been entered.
- Press the <CLEAR> key to return to sales screen.

## 14. ON LINE ROOM SYSTEM

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### 1. ROOM SYSTEM - EXPLANATION

The UX-7000 series has been designed with flexibility in mind, in terms of both hardware and firmware, to allow the appropriate configuration to be used in all the different revenue centers of a hotel. However, while the ECR in the restaurant functions differently to the ECR at the leisure center admissions desk, which in turn is different to the ECR in the bar, all of them have the same communications protocol system. This enables simple interfacing to a Property Management System (PMS) computer, for Room Account Charging, by the following method.

The UX-7000 series has the ability to interrogate, in real-time, a PMS and receive information concerning guest occupancy of a particular room. After verification, any transaction details registered can then be logged. These details consist of the Major Group and Vatable sales totals along with security details such as Transaction Consecutive Number, etc. Communications for this system is made available via RS-232C.

Available from your Uniwell dealer is a software package entitled "Rover Suite", which allows interfacing of this system to existing PMS with minor development modifications needed.

### 2. ROOM SYSTEM - OPERATION

The ECR can have 8 names assigned to each room. The operation to assign a transaction to a person in a room is as follows:

Sign on a clerk, make the sale as normal but before finalizing enter a room number and press the <ROOM> key, the ECR will bring up a list of people in the room and one can be chosen, the sale will then be charged to that room, it can then be automatically finalized.

## 15. KITCHEN PRINTER

The UX-7000 series can have up to 8 kitchen printers (TP-420 or NA-710/730 + thermal terminal printer) attached, PLUs can be individually programmed to print on any or all of the kitchen printers. The ECR can also use the internal printer as a kitchen printer, this is selectable by programming.

### SEND KEY

During a transaction without a closing or a storage, all PLUs are transmitted to Kitchen Printers immediately by depressing the <SEND> key. Bill or Table number is required before pressing the <SEND> key, if programmed (SF-77).

### REDIRECT KEY

Allows a manual redirection of Main Kitchen Printer data to the backup Kitchen Printer. Enter one of KP number 1 ~ 8 and press the <REDIRECT> key.

For example, when ( 2 ) and <REDIRECT> key are depressed, then all PLUs which should be transmitted to KP 2 are transmitted to the backup Kitchen Printer of KP 2.

### Sample Kitchen Print

BAR TERMINAL --> MAIN MEAL KP	ECR name --> KP name (16 digit each)
<b>BILL #</b> 10005	bill number (if entered)
TABLE # 7	table number (if entered)
SERVER 2	server number (if entered)
PERSONS 2	number of persons (if entered)
GARDEN	location (if entered)
-----MAIN MEALS-----	category name (16 digit, printed if programmed)
BEEF CURRY	main PLU
<b>SALAD</b>	condiment PLU (in red or black)
FILLET STEAK	main PLU
WELL DONE	cooking instruction (in red or black)
<b>SALAD</b>	condiment PLU (in red or black)
CLERK 001 18/06/96 13:07	clerk name, date & time

### Print Options.

- \* Bill number is printed large, in red if the Bill number system is in use, or Table number is large and red if Table number system is in use.
- \* Voids & Refunds can be printed in red or black or they can be omitted (SF-42).
- \* Condiments uses own kitchen printer or the same kitchen printer as the main PLU (SF-42).
- \* PLUs can be selected to print only on external kitchen printer, they can also be selected to print tall or normal size on internal kitchen printer (SF-42).
- \* PLU codes can be printed after the PLU descriptors if programmed (SF-20).
- \* Internal KP prints the PLU price if programmed (SF-65).

- \* KP will print the Seat Number for ALL main PLUs (SF-77). When the internal printer is used as KP this will only occur if the system is NOT flagged to print prices on the Internal KP.
- \* Kitchen monitor system is available with a certain application software.

## 16. SLIP PRINTER

The UX-7000 series can have up to 8 slip printers (TP-620 model) attached. Slip print compulsory or not compulsory can be programmed.

Depression of the <SLIP PRINT> key prints a post-receipt slip on the slip printer. A subtotal bill or check-out bill can also be issued on the slip printer. **If more than two pages of slip is printed, according to the programming of SF-64, Slip prints Header (Bill #, Table #, etc.) with page number on the top of each slip paper if one of bill, table, server, location or person has been entered.**

```

*****
*                SLIP PRINT SAMPLE                *
*                (46 digits)                       *
*   5 line wide logo programmed by SP-141         *
*****
-----
BILL #                10005
TABLE #                7
SERVER                 2
PERSONS                2
                GARDEN
-----
BEEF CURRY                5.00
  SALAD
FILLET STEAK              12.00
  WELL DONE
  SALAD
CASH                      17.00
-----
                CLERK 001
                #888-001-0032-0001 19/07/96 16:21-R
*****
                3 line wide logo programmed by SP-141
*****

```

skip lines (0 ~7) can be programmed

skip lines (0 ~ 3) can be programmed

----- header -----

bill number (if entered)

table number (if entered)

server number (if entered)

number of persons (if entered)

location (if entered)

main PLU

cooking instruction

condiment PLU

clerk name

machine # - clerk sequential # - consecutive # -  
location #, date, time, mode

### **Print Options.**

- \* Up to 63 lines per slip can be programmed (SF-47).
- \* Items will be separated into category or major group (SF-64).
- \* The seat numbers will **not** be printed unless flagged to do so (SF-79), or the certain operation is performed. Refer to 39. Seat Number System.
- \* PLUs entered as the set menu item will not be printed if programmed (SF-64).

## 17. REPORTING

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### 1. X/Z REPORTS

#### To take a report:

- Turn the control key to the appropriate key position,  
X position will take a read only report  
Z1 or Z2 positions will reset the sales data which contained in the report
- enter the number of the report using the numeric keys then press <ENTER>.
- some of the reports will then ask for more details such as a range of PLUs, just enter the details and press <ENTER>.
- to issue the report, press <MEDIA 8>.
- the report on the display is available by pressing <TTL 1> if programmed (SF-25).

#### Options:

- After a report has been taken, the clerk will sign-off automatically if programmed (SF-17).
- Below X-90 reports (01~85) will not be shown on the report list if programmed (SF-25).
- **All Sequential & Individual reports** will not be shown on the report list if programmed (SF-25).
- Reports will not be printed on Journal if programmed (SF-25).
- Z-01 report will reset Major group, Group, Clerk, CID, Consecutive # and Ticket # if programmed (SF-26,27).
- Z-01 report will de-assign the hard clerk keys from the keyboard (SF-27).

REP. #		REPORT	CONTENTS	REF.
X/Z1-01	1st	Auto Full Transaction	Major groups (if programmed), Groups (if programmed), Clerks (if programmed), Full transaction	SF-26
X/Z2-02	2nd			
X/Z1-03	1st	Full Transaction	Taxable sales, Tax amounts, GST VAT sales, GST VAT amounts, Exempted taxable sales (if programmed), Exempted tax amounts (if programmed)  Count/amount of media, void, discount, correction, %1~3, P/O, tip, deposit, coupon total  Count of receipt, persons, no sale and clear key <b>Only for 1st level :</b> CID 1/2, CID 1/2 at declaration, Cash declared for drawer 1/2, Discrepancy for drawer 1/2, Total open tracks, Total open training tracks, GT 1/2	SF-26
X/Z2-04	2nd			
Z2-05		Grand Total 1	Grand total 1 value	
X/Z1-06		Hourly (24 or 48 time zone)	<b>Each hour:</b> Count, Persons count, Amount <b>All hours:</b> Count, Persons count, Amount	SF-27
X/Z1-07		Deposit Balance	Deposit count, Amount	
X/Z1-08		CID 1	Cash In Drawer 1 amount	
X/Z1-09		CID 2	Cash In Drawer 2 amount	
X/Z1-10		Hourly Major Groups	<b>Each hour:</b> Qty, Amount of each major groups, Total Qty, Total Amount of all major groups	

X/Z1-11 X/Z2-12	1st 2nd	Full Clerk	<b>Each clerk:</b> Commission rate/value (if programmed), Average sales (if programmed) <b>Count/ Amount of</b> media, void, refund, discount, correction, % 1~3, P/O, tip, deposit, coupon total <b>Count of X-report, Z-report,</b> receipt, clear key, persons, no sale <b>Amount of</b> 4 sales types <b>All clerks:</b> 4 sales types	SF-25
X/Z1-13 X/Z2-14	1st 2nd	Sequential Clerk	As X/Z-11, 12 but for range of clerks	SF-25
X/Z1-15 X/Z2-16	1st 2nd	Individual Clerk	As X/Z-11, 12 but for selected clerks	SF-25
X/Z1-19		Time Attendance		

X/Z1-21 X/Z2-22	1st 2nd	Full Group	<b>Each Group:</b> Quantity, Amount, Average sales (if programmed), % turnover (if programmed) <b>All Groups:</b> Quantity, Amount	SF-25
X/Z1-23 X/Z2-24	1st 2nd	Sequential Group	As X/Z-21, 22 but for range of groups	SF-25
X/Z1-25 X/Z2-26	1st 2nd	Individual Group	As X/Z-21, 22 but for selected groups	SF-25
X/Z1-27 X/Z2-28	1st 2nd	Major Grouped Group	As X/Z-21, 22 but for major group links	SF-25
X/Z1-31 X/Z2-32	1st 2nd	Major Group	<b>Each MG:</b> Qty, Amount, Average sales (if programmed), % turnover (if programmed) <b>All MG:</b> Qty, Amount	SF-25
X/Z1-35 X/Z2-36	1st 2nd	Coupon PLU	<b>Each Coupon PLU:</b> PLU #, name, Total Qty, Total value <b>All Coupon PLUs:</b> Total quantity, Total value	SF-27
X/Z1-37 X/Z2-38	1st 2nd	PLU Totalizer	<b>Each PLU:</b> Qty / Value for price level 1~3 <b>All PLUs:</b> Total quantity, Total value	SF-27
X/Z1-41 X/Z2-42	1st 2nd	Full PLU	<b>Each PLU:</b> PLU # (if programmed), name, Date & time last sold (if programmed), Qty / Value for price level 1~3 (if programmed), Total Qty, Total value <b>All PLUs:</b> Total quantity, Total value	SF-27
X/Z1-43 X/Z2-44	1st 2nd	Sequential PLU	As X/Z-41, 42 but for range of PLUs	SF-27
X/Z1-45 X/Z2-46	1st 2nd	Individual PLU	As X/Z-41, 42 but for selected PLUs	SF-27
X/Z1-47 X/Z2-48	1st 2nd	Grouped PLU	As X/Z-41, 42 but for group link	SF-27
X/Z1-49		PLU Time (Last Sold PLU)	<b>Each PLU:</b> PLU name, Time & Date last sold	
X/Z1-51 X/Z2-52	1st 2nd	Full PLU <a> Price Level 1	<b>Each PLU:</b> PLU # (if programmed), name, Qty/Value for price level 1 <b>All PLUs:</b> Total Qty / Value for price level 1	SF-27

X/Z1-53 X/Z2-54	1st 2nd	Full PLU <b> Price Level 2	As X/Z-51, 52 but for price level 2	SF-27
X/Z1-55 X/Z2-56	1st 2nd	Full PLU <c> Price Level 3	As X/Z-51, 52 but for price level 3	SF-27
X/Z1-57 X/Z2-58	1st 2nd	Sequential PLU <a> Price Level 1	As X/Z-51, 52 but for range of PLU for price level 1	SF-27
X/Z1-59 X/Z2-60	1st 2nd	Sequential PLU <b> Price Level 2	As X/Z-51, 52 but for range of PLU for price level 2	SF-27
X/Z1-61 X/Z2-62	1st 2nd	Sequential PLU <c> Price Level 3	As X/Z-51, 52 but for range of PLU for price level 3	SF-27
X/Z1-63 X/Z2-64	1st 2nd	Individual PLU <a> Price Level 1	As X/Z-51, 52 but for selected PLU for price level 1	SF-27
X/Z1-65 X/Z2-66	1st 2nd	Individual PLU <b> Price Level 2	As X/Z-51, 52 but for selected PLU for price level 2	SF-27
X/Z1-67 X/Z2-68	1st 2nd	Individual PLU <c> Price Level 3	As X/Z-51, 52 but for selected PLU price level 3	SF-27

Z2-71		Audit Report (password required)	<p><b>Count of:</b> Audit reports, Power off/on, Initial resets, Z1 reports, Z2 reports, Date changes, Time changes, Secret programming functions, Audit attempts, Clear key operations, No sales, Price overrides, Training clerk sign ons</p> <p><b>Count &amp; Amount of:</b> Void, Refund, Discount, Correction, % 1~%3, P/O, Tip, Coupon total</p> <p><b>Amount of:</b> Grand Total since last audit</p> <p><b>Time &amp; Date of:</b> Last registration, Last audit</p>	
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X-80		Tracking Total	Count / Value of unclosed tracks, unclosed training tracks	
X/Z1-81		Full Tracking	<p><b>Each Track:</b> Clerk name (if assigned), Bill # (if assigned), Table # (if assigned), Training (if so), Track value</p> <p><b>Total Tracks:</b> Count/Value of unclosed tracks, unclosed training tracks</p>	
X-82		Full Server Track	<p><b>Each Server:</b> Bill # (if assigned), Table # (if assigned), Training (if so), Track value</p> <p><b>All Servers:</b> Count/Value of unclosed tracks, unclosed training tracks</p>	
X-83		Individual Server Track	As X-82 but for individual server track	

X/Z2-85		Deleted PLU (printed if programmed)	<p><b>Each PLU flagged for deletion:</b> PLU #, name</p> <p><b>All PLUs:</b> count of no. of PLUs to be deleted</p>	SF-27
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## 2. PROGRAM DUMPS

X-90	Program Information
<p><b>Major Group Info:</b> Major group number, Name, Flag</p> <p><b>Group Info:</b> Group number, Name, Flag, Major group link</p> <p><b>Clerk Info:</b> Clerk number, Name, Code, Flag, Commission, Report security flag, Program security flag</p> <p><b>PLU Info:</b> PLU number, Name, Price level 1~3 (Standard, Modifier 1, Modifier 2), PLU Flags, HALO, Kitchen printer flag, Category, Group, Cooking instruction group, Condiment group 1~5, <b>Extra price</b></p> <p><b>Look-Up PLU Info:</b> Look-up PLU number, Name, <b>Linked</b> PLU number, Name</p> <p><b>Condiment Group Info:</b> Condiment group number, Name, Condiment PLU number, Name</p> <p><b>Media Info:</b> Media number, Name, Flags, HALO, Exchange rate</p> <p><b>Tax Info:</b> Tax rates 1 ~ 4</p> <p><b>Percentage Info:</b> Percentage rates 1 ~ 3</p> <p><b>SF Flags Info:</b> Flag settings</p> <p><b>SF Meanings Info:</b> Flag number, Name, Meaning of each bit and setting</p> <p><b>EJF Flags Info:</b> EJF flag settings</p> <p><b>Warning Message Info:</b> Warning number, Message</p> <p><b>User Text Info:</b> User text number, Text</p> <p><b>Cooking Info:</b> Cooking instruction number, Text</p> <p><b>Cooking Group Info:</b> Cooking group number, Associated cooking instructions</p> <p><b>Category Info:</b> Category number, Name</p> <p><b>Location Info:</b> Location number, Name</p> <p><b>KP Names Info:</b> Kitchen printer number, Name</p> <p><b>P/O Names Info:</b> Paid out name number, Name</p> <p><b>Person Names Info:</b> Person name number, Name</p> <p><b>Flex Keyboard Info:</b> Key number, Flexible function key</p> <p><b>PLU Menu Info :</b> <b>Menu 1 ~ 5</b></p> <p><b>Time Zones Info:</b> Hour start time</p> <p><b>Menu Times Info:</b> Menu name, Start time, Finish time</p> <p><b>Price Times Info:</b> Price level name, Start time, Finish time</p> <p><b>Program Info Info:</b> Discount amount, Preset tenders 1~5, CID lift 1 &amp; 2, Assorted reports 1~3, Clerk banks, Maximum clerks, PLU banks, Maximum PLUs, Number of PLUs, Track header banks, Track headers, Track line banks, Track lines, Free track lines, EJF banks, EJF lines, Look-up PLU banks, Maximum Look-up PLUs, M/C number, Branch number, IRC ID, IRC location, Serial ID 1, Serial ID 2, Separator, Record Delimiters, ECR software type &amp; version, date, EP-ROM checksum</p>	

X-91	Flexible Program Info
<p>This report is the same as the X-90 report except that the elements of the report are selectable by the user.</p>	

<b>X-92</b>	<b>PLU Info</b>
<p>A range of PLUs must be selected for this report.</p> <p>PLU #, name, Price level 1 ~ 3 (Standard, Modifier 1, Modifier 2), PLU flags, HALO, Kitchen printer flag, Category, Cooking instruction group, Condiment group 1 ~ 5, <b>Extra price</b></p>	
<b>X-93</b>	<b>Grouped PLU Info</b>
<p>A group must be selected for this report. All the PLUs in this group will then be printed.</p> <p>PLU #, name, Price level 1 ~ 3 (Standard, Modifier 1, Modifier 2), PLU flags, HALO, Kitchen printer flag, Category, Cooking instruction group, Condiment group 1 ~ 5, <b>Extra price</b></p>	
<b>X-98, Z1-98</b>	<b>EJF Correction Report</b>
<p>The corrected items per transaction is printed on this report including the last line information of each transaction.</p> <p>Corrected item's quantity, unit price and amount with 'corrected' message by correction</p>	
<b>X-99, Z1-99</b>	<b>Electric Journal Report</b>
<p>All the journal contents are printed on this report.</p>	

## 18. IRC SYSTEM

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### 1. IRC SYSTEM - EXPLANATION

It is possible to link up to 16 UX-7000 series ECRs together using IRC (Inter-Register Communication), this can be done along with up to 8 Kitchen Printers and 8 Slip Printers.

The ECRs can be split into separate locations. Bar ECRs and Restaurant ECRs must not be mixed within the same location and it is recommended that no more than four ECRs are programmed with the same location number.

### 2. FLOATING CLERKS

The Floating Clerk system enables a clerk to open a sale on one ECR and store the balance under the clerk by signing off. They can then go on to a different ECR, press their clerk key and the sale which they opened on the first ECR will 'float' across to the current ECR.

### 3. FLOATING TRACK (BILLS / TABLES)

The floating track system enables bills / tables to be transferred between ECRs on an IRC network. The bills / tables must be stored before they can be picked up & used on another ECR.

#### 4. IRC REPORTING

For detailed descriptions of the following reports, see the previous reporting section. The contents of the reports are the same except that the IRC reports are consolidated from all the machines on the network. Individual ECR reports are also available depending on programming.

REPORT	X	Z1/P	Z2	#
Auto Full Transaction - 1st level	○	○		8801
Auto Full Transaction - 2nd level	○		○	8802
Full Transaction - 1st level	○	○		8803
Full Transaction - 2nd level	○		○	8804
Grand Total			○	8805
Hourly	○	○		8806
Deposit Balance	○	○		8807
CID 1	○	○		8808
CID 2	○	○		8809
Full Clerk - 1st level	○	○		8811
Individual Clerk - 1st level	○			8815
All Groups - 1st level	○	○		8821
All Groups - 2nd level	○		○	8822
All Major Groups - 1st level	○	○		8831
All Major Groups - 2nd level	○		○	8832
Coupon PLU - 1st level	○	○		8835
Coupon PLU - 2nd level	○		○	8836
PLU Totalizer - 1st level	○	○		8837
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19. reserved

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1. STANDARD WARNING MESSAGES - INDEX

The following is a list of warning messages that the ECR may show, these are sorted into ALPHABETICAL order for ease of use, with each message is the number of the message which can be referenced to a short description of what exactly is meant on the next few pages.

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**2. WARNING MESSAGE - LISTINGS****WARNING MESSAGE #1 - OVER LIMITATION**

**PROBLEM:** The input number was too large.  
**CAUSE:** The operator may have entered a number that is larger than the ECR can accept, for example trying to sell 100 x PLU item.  
**SOLUTION:** Press <CL> key and re-enter the correct number.

**WARNING MESSAGE #2 - NO SUCH PLU**

**PROBLEM:** The operator has attempted to register a PLU which does not exist.  
**CAUSE:** Either a PLU has not been programmed correctly, it has been deleted, or it has not been allocated to the keyboard in the correct place, or it has never existed.  
**SOLUTION:** Enter the correct PLU code, re-program the PLU correctly, make sure the PLU is allocated to the keyboard, make sure it exists.

**WARNING MESSAGE #3 - NO MODIFIERS**

**PROBLEM:** The operator has attempted to modify a PLU that is not permitted to be modified, i.e. they have tried to sell a half / double where it is not permitted.  
**CAUSE:** The operator may have pressed the wrong PLU key or the PLU may not have been programmed to accept a modifier.  
**SOLUTION:** Ensure that the PLU can be sold in halves / doubles, if it should be then it is programmed incorrectly.

**WARNING MESSAGE #4 - PRESS X-FOR**

**PROBLEM:** <X> key was pressed.  
**CAUSE:** While choosing condiments, the user has pressed <X> key to view the transaction details.  
**SOLUTION:** Press <X> key to return to the condiment list.

**WARNING MESSAGE #5 - CONDIMENT ONLY**

**PROBLEM:** The operator has tried to register a PLU which is programmed to be sold as a condiment only.  
**CAUSE:** Incorrect key press.  
**SOLUTION:** The PLU should only be sold as a condiment, i.e. after a main PLU.

**WARNING MESSAGE #6 - CREATE NEW BILL?**

**PROBLEM:** The operator has attempted to pick up a bill which does not exist.  
**CAUSE:** Bill does not exist.  
**SOLUTION:** If a new bill is required, press <ENTER> key to pick up a new bill. If it is not required, press <CL> key to cancel.

**WARNING MESSAGE #7 - SELECT CONDIMENT**

**PROBLEM:** No Problem  
**CAUSE:** This is an operator information message, it is telling the operator to choose a condiment from the list displayed.  
**SOLUTION:** Not needed.

**WARNING MESSAGE #8 - SELECT OPTION**

**PROBLEM:** No problem  
**CAUSE:** This is an operator information message, it is telling the operator to choose an option from the list displayed.  
**SOLUTION:** Not needed.

**WARNING MESSAGE #9 - SELECT PRICES**

**PROBLEM:** No problem.  
**CAUSE:** This is the title for the list which is displayed when price ranges are selected from a picklist.  
**SOLUTION:** Select one of the price ranges.

**WARNING MESSAGE #10 - MENU SELECTION**

**PROBLEM:** No problem  
**CAUSE:** This is the title for the list that is displayed when the user is selecting a menu.  
**SOLUTION:** Not needed.

**WARNING MESSAGE #11 - MANAGER KEY REQD**

**PROBLEM:** The operator needs a manager key.  
**CAUSE:** The operator has attempted an operation which is allowed only in X or Z1/P key positions.  
**SOLUTION:** See the manager. Only he / she can do the operation, with the appropriate key.

**WARNING MESSAGE #12 - SEL ITEMS TO XFR**

**PROBLEM:** No problem  
**CAUSE:** This is an operator information message, it is telling the operator to choose an item to be transferred.  
**SOLUTION:** Select an item, then press <ENTER> key.

**WARNING MESSAGE #13 - ARE YOU SURE**

**PROBLEM:** No problem  
**CAUSE:** The ECR is asking if the operator is sure he / she wants to continue with the present operation, this is because data may be lost if the operator does.  
**SOLUTION:** Press <ENTER> to continue or press <CL> to cancel the operation.

**WARNING MESSAGE #14 - ENTER BILL**

**PROBLEM:** The ECR needs a bill number before it can store the transaction. (Bill # system)  
**CAUSE:** The operator has tried to store a transaction without first assigning a bill number to the transaction.  
**SOLUTION:** Enter a bill number and press <ENTER>, then store the transaction, or press <CL> if the operator wishes to cancel the operation.

**WARNING MESSAGE #15 - ENTER TABLE**

**PROBLEM:** The ECR needs a table number before it can store the transaction. (Table # system)  
**CAUSE:** The operator has tried to store a transaction without first assigning a table number to the transaction.  
**SOLUTION:** Enter a table number and press <ENTER>, then store the transaction, or press <CL> if the operator wishes to cancel the operation.

**WARNING MESSAGE #16 - ENTER SERVER**

**PROBLEM:** The ECR needs a server number before it can store the transaction.  
**CAUSE:** The ECR is programmed to have compulsory servers and the operator has tried to store a transaction without first assigning a server number to the transaction.  
**SOLUTION:** Enter a server number and press <ENTER>, then store the transaction.

**WARNING MESSAGE #17 - ENTER PERSON**

**PROBLEM:** The ECR needs the number of persons before it can store the transaction.  
**CAUSE:** The ECR is programmed to have compulsory persons and the operator has tried to store a transaction without first assigning the number of persons to the transaction.  
**SOLUTION:** Enter the number of persons and press <ENTER>, then store the transaction.

**WARNING MESSAGE #18 - ENTER CLERK**

**PROBLEM:** The ECR needs a clerk to be signed on before operation can continue.  
**CAUSE:** The operator has not signed on a clerk.  
**SOLUTION:** Sign on a clerk, either by using <CLERK ID> key or using a hard clerk key.

**WARNING MESSAGE #19 - CLERK TO PRINT ?**

**PROBLEM:** The ECR needs the operator to enter a clerk number to Buffer Print.  
**CAUSE:** Pressing <BUFFER PRINT> key.  
**SOLUTION:** Either, press <BUFFER PRINT> key again to print last clerk, or hit a hard clerk key, or enter the clerk number and press <CLERK ID> key, or press <CL> if the operator wishes to cancel the operation.

**WARNING MESSAGE #20 - NO SUCH BILL**

**PROBLEM:** There is no such bill on the ECR.  
**CAUSE:** An incorrect bill or table number has been requested.  
**SOLUTION:** Press <CL> key and retry operation with correct bill / table number.

**WARNING MESSAGE #21 - BILL IN USE**

**PROBLEM:** The bill / table the operator has tried to pick up is in use by another clerk.  
**CAUSE:** An operator on another machine in an IRC network has attempted to pick up a bill / table which has already been picked up by another clerk on a different machine.  
**SOLUTION:** Check the correct bill / table number was picked up, if it was then wait until the bill / table has been stored by the other clerk.

**WARNING MESSAGE #22 - SELECT LOCATION**

**PROBLEM:** No problem.  
**CAUSE:** This is the title for the list which is displayed when locations are selected from a picklist.  
**SOLUTION:** Choose a location.

**WARNING MESSAGE #23 - IN COMMUNICATION**

**PROBLEM:** No problem.  
**CAUSE:** This is a message which is displayed when the ECR is currently communicating.  
**SOLUTION:** Wait until the message has gone before resuming operation.

**WARNING MESSAGE #24 - SWIPE CARD**

**PROBLEM:** The ECR is waiting for the user to swipe a card through the card reader.  
**CAUSE:** Clerk card programming has been initialized.  
**SOLUTION:** Either press <CL> to end the operation or swipe a clerk card through the card reader.

**WARNING MESSAGE #25 - PRINTER ERROR**

**PROBLEM:** There is a problem with the internal printer unit.  
**CAUSE:** The printer unit has failed to respond, check it is connected properly, if it is then there may be a fault with the printer.  
**SOLUTION:** Contact your Uniwell dealer.

**WARNING MESSAGE #26 - PRINTER HEAD UP**

**PROBLEM:** The printer head is not down.  
**CAUSE:** The head up lever under the printer cover has been lifted.  
**SOLUTION:** Ensure that the head up lever on the printer unit is in the correct position. For operation it should be pushed towards the back of the ECR.

**WARNING MESSAGE #27 - PRINTER HEAD HOT**

**PROBLEM:** The ECR has temporarily stopped operation until the printer head has cooled down.  
**CAUSE:** The head on the printer has exceeded operating temperature.  
**SOLUTION:** Wait until the head has cooled. If this occurs regularly contact your Uniwell dealer.

**WARNING MESSAGE #28 - JRNL PAPER OUT**

**PROBLEM:** The journal paper needs replacing before normal operation can continue.  
**CAUSE:** The ECR cannot operate without journal paper being present.  
**SOLUTION:** Replace the journal paper roll.

**WARNING MESSAGE #29 - RECPT PAPER OUT**

**PROBLEM:** The receipt paper needs replacing before normal operation can continue.  
**CAUSE:** The ECR cannot operate without receipt paper being present.  
**SOLUTION:** Replace the receipt paper roll.

**WARNING MESSAGE #30 - SORTING REP LIST**

**PROBLEM:** The ECR is sorting the report list.  
**CAUSE:** This is temporarily displayed while the ECR is sorting the report list so it can be displayed.  
**SOLUTION:** Wait.

**WARNING MESSAGE #31 - SORTING PRG LIST**

**PROBLEM:** The ECR is sorting the program list.  
**CAUSE:** This is temporarily displayed while the ECR is sorting the program list so it can be displayed.  
**SOLUTION:** Wait.

**WARNING MESSAGE #32 - PRESS CLEAR KEY**

**PROBLEM:** <CL> key needs to be pressed.  
**CAUSE:** Usually displayed during a warning message.  
**SOLUTION:** Press <CL> key once the warning message has been read.

**WARNING MESSAGE #33 - BILL EXISTS**

**PROBLEM:** The bill / table already exists.  
**CAUSE:** The operator has tried to open a new bill / table with a bill / table number that already exists.  
**SOLUTION:** Press <CL> key and choose another bill / table number.

**WARNING MESSAGE #34 - MUST STORE / CLOSE**

**PROBLEM:** This is warning the operator that the tracking memory is full.  
**CAUSE:** A large amount of tracking memory has been used by stored bills / tables.  
**SOLUTION:** Check the ECR for bills / tables with zero balances and finalize them, the report X-81 'Full Tracking Report' will show which bills / tables have zero balances. If there are no bills / tables with zero balances, then as many bills / tables as possible should be finalized as soon as possible.

**WARNING MESSAGE #35 - SORTING KEY LIST**

**PROBLEM:** The ECR is sorting the key list.  
**CAUSE:** This is temporarily displayed while the ECR is sorting the key list so that it can be displayed.  
**SOLUTION:** Wait.

**WARNING MESSAGE #36 - PRESS ANY KEY**

**PROBLEM:** The ECR is awaiting the operator pressing a key.  
**CAUSE:** A key has been selected to be programmed during flexible key programming.  
**SOLUTION:** Either press <CL> key to exit, or press the desired key you wish to program.

**WARNING MESSAGE #37 - KP ERROR**

**PROBLEM:** The kitchen printer(s) has/have not responded.  
**CAUSE:** Cable incorrect, broken, disconnected, faulty kitchen printer, incorrect comms settings, paper out.  
**SOLUTION:** Check the above and retry.

**WARNING MESSAGE #38 - SHORT TENDER**

**PROBLEM:** The amount tendered was less than the subtotal.  
**CAUSE:** The customer has not paid enough or the incorrect amount was entered.  
**SOLUTION:** Check how much was entered, and correct as needed.

**WARNING MESSAGE #39 - SELECT MEDIA**

**PROBLEM:** A media needs to be selected to be declared.  
**CAUSE:** Cash Declaration has been started.  
**SOLUTION:** Either select a media and enter the amount or press <CL> to end the operation.

**WARNING MESSAGE #40 - FORMATTING REP**

**PROBLEM:** The ECR is formatting the selected report.  
**CAUSE:** The selected report has been chosen to print on the LCD, it needs to be formatted before being displayed.  
**SOLUTION:** Wait.

**WARNING MESSAGE #41 - ENTER TEXT**

**PROBLEM:** Non add number entry.  
**CAUSE:** The operator has selected to enter text using <X> key during a transaction.  
**SOLUTION:** Either enter text and press <ENTER> or press <CL> to abort operation.

**WARNING MESSAGE #42 - KP PAPER LOW**

**PROBLEM:** Kitchen printer paper is getting low.  
**CAUSE:** Paper is running out, or paper has been dislodged or is not fitted properly.  
**SOLUTION:** Check kitchen printer paper, change if necessary.

**WARNING MESSAGE #43 - SENDING TO KP**

PROBLEM: ECR is sending kitchen data to kitchen printer.  
CAUSE: Items have been sold which are sent to kitchen printer.  
SOLUTION: Wait.

**WARNING MESSAGE #44 - TRANSFER BILL ?**

PROBLEM: ECR requires confirmation before transferring bill.  
CAUSE: While a bill was open, the operator has entered a bill number followed by <BILL #> key.  
SOLUTION: Press <ENTER> to transfer bill to current bill or press <CL> to abort operation.

**WARNING MESSAGE #45 - TRANSFER TABLE ?**

PROBLEM: ECR requires confirmation before transferring table.  
CAUSE: While a table was open, the operator has entered a table number followed by <TABLE #> key.  
SOLUTION: Press <ENTER> to transfer table to current table or press <CL> to abort operation.

**WARNING MESSAGE #46 - CID 1 LIFT REQD**

PROBLEM: A cash in drawer lift is required for drawer 1.  
CAUSE: Cash In Drawer lift maximum has been reached.  
SOLUTION: Take cash out of drawer and register amount using <PAID OUT>.

**WARNING MESSAGE #47 - CID 2 LIFT REQD**

PROBLEM: A cash in drawer lift is required for drawer 2.  
CAUSE: Cash In Drawer lift maximum has been reached.  
SOLUTION: Take cash out of drawer and register amount using <PAID OUT>.

**WARNING MESSAGE #48 - ENTER AMOUNT**

PROBLEM: The ECR needs an amount to be entered.  
CAUSE: Paid out operation has taken place.  
SOLUTION: Enter amount then press desired media.

**WARNING MESSAGE #49 - SHUFFLING RAM**

PROBLEM: No problem.  
CAUSE: Information held in memory banks has been changed, i.e. Max. PLUs, after this the ECR will adjust storage in memory banks.  
SOLUTION: Wait.

**WARNING MESSAGE #50 - SELECT CHANGE**

PROBLEM: Change from foreign currency needs to be selected.  
CAUSE: 'Change from selected media' has been set by programming.  
SOLUTION: Select desired media by which change amount should be given by pressing desired <MEDIA> key.

**WARNING MESSAGE #51 - PRESS SUBTOTAL**

PROBLEM: <SUBTOTAL> key must be pressed.  
CAUSE: 'Compulsory Subtotal' set by programming.  
SOLUTION: Press <CL> then press <SUBTOTAL> key.

**WARNING MESSAGE #52 - MUST TENDER**

PROBLEM: An amount must be tendered before finalizing.  
CAUSE: 'Tender Compulsory' set by programming.  
SOLUTION: Press <CL> then tender an amount.

**WARNING MESSAGE #53 - Z-01 COMPULSORY**

PROBLEM: A Z1-01 report must be taken.  
CAUSE: 'Z1 compulsory after CID declaration' is set by programming.  
SOLUTION: Take a Z1-01 report.

**WARNING MESSAGE #54 - CLOSE DRAWER**

PROBLEM: Drawer is open.  
CAUSE: Operator has tried to continue sales while drawer is open.  
SOLUTION: Close drawer to continue.

**WARNING MESSAGE #55 - SCROLL TO VIEW**

PROBLEM: No problem.  
CAUSE: A report is being viewed on the LCD.  
SOLUTION: Use <SCROLL FWD>, <SCROLL BACK> keys to view the report.

**WARNING MESSAGE #56 - CASH DEC COMPULS**

PROBLEM: Cash Declaration has not been done.  
CAUSE: 'Cash Declaration compulsory' has been set by programming.  
SOLUTION: Turn key to "X" and do a cash declaration, or press <CL> to abort operation.

**WARNING MESSAGE #57 - SENDING TO SLIP**

PROBLEM: ECR is sending slip data to slip printer.  
CAUSE: A slip print operation has taken place.  
SOLUTION: Wait.

**WARNING MESSAGE #58 - SLIP PRINTER ERR**

PROBLEM: The slip printer has failed to respond.  
CAUSE: Cable incorrect, broken, disconnected, faulty slip printer, incorrect comms settings, paper out.  
SOLUTION: Check the above and retry.

**WARNING MESSAGE #59 - BUSY**

PROBLEM: Clerk is busy.  
CAUSE: The operator has tried an operation when a clerk is busy, i.e. tried to pick up clerk 1 when clerk 1 is in use on another ECR in the network (IRC system).  
SOLUTION: Press <CL> and either use another clerk, or wait until the clerk is signed off the other ECR.

**WARNING MESSAGE #60 - CHECKING ECRS**

PROBLEM: No problem.  
CAUSE: The ECR is checking other ECRs on IRC network to see if the clerk, bill, table is in use on them, or if it exists on them.  
SOLUTION: Wait.

**WARNING MESSAGE #61 - IRC INIT REQD**

PROBLEM: IRC initialization needs to be performed.  
CAUSE: The IRC has been selected but has not been initialized and an IRC programming function has been selected.  
SOLUTION: Initialize IRC system.

**WARNING MESSAGE #62 - NO OPTIONS**

PROBLEM: No problem  
CAUSE: The operator has tried to do a program or to take a report when he / she is not permitted to do so.  
SOLUTION: Program or report taking should be done by the operator who permitted to do so.

**WARNING MESSAGE #63 - SORTING**

PROBLEM: No problem.  
CAUSE: This message is displayed when the ECR is sorting a program list.  
SOLUTION: Wait.

**WARNING MESSAGE #64 - MONITORING JRNL**

PROBLEM: No problem.  
CAUSE: Current ECR is monitoring the journal of the selected ECR.  
SOLUTION: To abort, press <CL>.

**WARNING MESSAGE #65 - ROOM COMMS FAIL**

PROBLEM: Room communications failure.  
CAUSE: PC is not responding to ECR.  
SOLUTION: Check communications, ensure that 'SHARE.EXE' is installed on PC, check cabling & Rooms program is running on PC.

**WARNING MESSAGE #66 - NO SUCH ROOM**

PROBLEM: The selected room does not exist on the PC.  
CAUSE: The room number has not been programmed or an incorrect room number was entered.  
SOLUTION: Try a different room number or ensure that the room you are using exists.

**WARNING MESSAGE #67 - OCCUPIER LIST**

PROBLEM: No problem.  
CAUSE: This is the title for the list that is displayed when choosing an occupier for a room.  
SOLUTION: Choose an occupier for the room that you have selected.

**WARNING MESSAGE #68 - PERSON TYPE**

PROBLEM: No problem.  
CAUSE: This is the title for the list which is displayed when selectable persons option is programmed.  
SOLUTION: Select a person type i.e. Adults, Children etc.

**WARNING MESSAGE #69 - TRACK AREA OVER**

**PROBLEM:** This is warning the operator that the tracking memory is not enough for the bill saving in the floating tracking system.

**CAUSE:** A large amount of bill data has been tried to save on the ECR.

**SOLUTION:** Pick the floating bill using another ECR. Or check the ECR for bills / tables with zero balances and finalize them, the report X-81 'Full Tracking Report' will show which bills / tables have zero balances. If there are no bills / tables with zero balances, then as many bills / tables as possible should be finalized as soon as possible.

**WARNING MESSAGE #70 - SERVER ONLY**

**PROBLEM:** The bill cannot be picked up.

**CAUSE:** The bill has been programmed to be picked up by the server only.

**SOLUTION:** Press <CL> key and use another bill.

**WARNING MESSAGE #78 - KP REDIRECTED**

**PROBLEM:** No Problem

**CAUSE:** This is an operator information message, it is telling the operator the KP items have been re-directed to a back-up kitchen printer.

**SOLUTION:** Not needed

**WARNING MESSAGE #79 - ASSIGN NEW SEAT**

**PROBLEM:** No Problem

**CAUSE:** This is an operator information message, it is telling the operator to assign new seat number.

**SOLUTION:** Enter seat number or press <CL> key to abort.