



TEC Electronic Cash Register

MA-1600-100

Owner's Manual

Document No. EO-11024



TOKYO ELECTRIC CO., LTD.

WARNING

This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instruction 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.

WARNING

"THIS DIGITAL APPARATUS DOES NOT EXCEED THE CLASS A LIMITS FOR RADIO NOISE EMISSIONS FROM DIGITAL APPARATUS SET OUT IN THE RADIO INTERFERENCE REGULATIONS OF THE CANADIAN DEPARTMENT OF COMMUNICATIONS."

"LE PRÉSENT APPAREIL NUMÉRIQUE N'EMET PAS DE BRUITS RADIOÉLECTRIQUES DÉPASSANT LES LIMITES APPLICABLES AUX APPAREILS NUMÉRIQUES DE LA CLASSE A PRESCRITES DANS LE RÉGLEMENT SUR LE BROUILLAGE RADIOÉLECTRIQUE ÉDICTÉ PAR LE MINISTÈRE DES COMMUNICATIONS DU CANADA."

OPERATOR'S GUIDE

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1. TO OUR CUSTOMERS

Thank you for choosing the TEC electronic cash register MA-1600-100 series. This instruction manual provides a description of the functions and handling of this register and should be read carefully to ensure optimum performance. Since every consideration has been given to safety and reliability, there is no danger of damaging the machine by incorrect operation.

Please refer to this manual whenever you have any questions concerning the machine. This machine has been manufactured under strict quality control and should give you full satisfaction. However, if the machine is damaged during transit, or there are any unclear points in this manual, please contact your local TEC representative.

- The specifications described in this manual may be modified by TEC, if necessary.
- Be sure to keep this manual for future reference.

2. PRECAUTIONS

The ECR is a precision machine. Please handle it carefully considering the following guidelines.

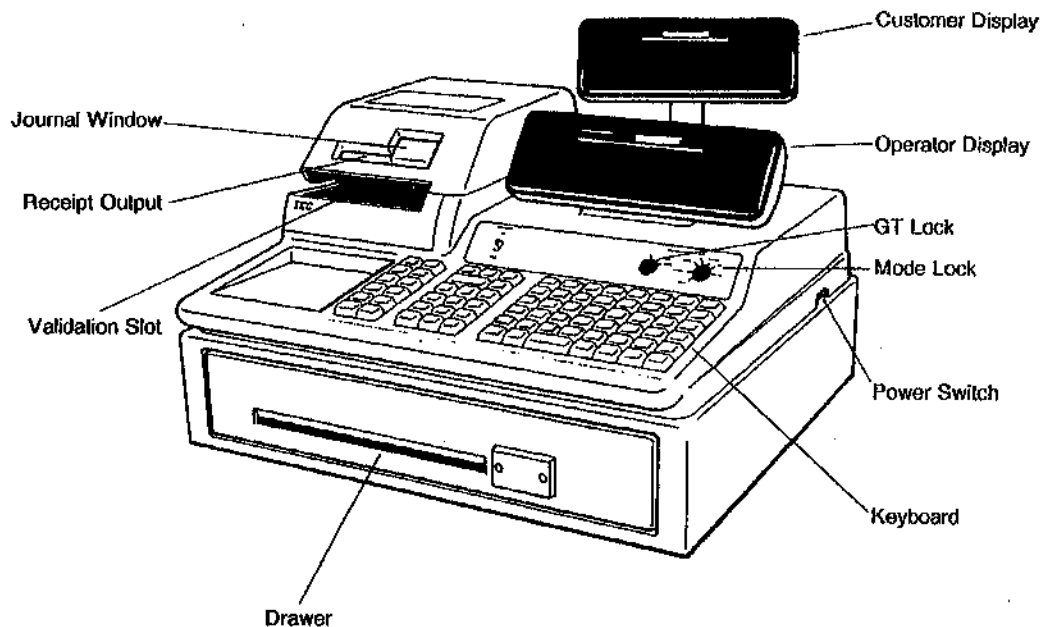
REMARKS ON THE LOCATION

- Place it where no unusual temperature changes are expected.
- Place it on a flat and level surface with little dust, humidity, vibration, etc.
- Keep it away from water sources.
- Do not use it in direct sunlight for a long time.
- Ensure proper ventilation so that the machine is not exposed to excessive heat.
- Be certain to connect a grounding wire to prevent the generation of static electricity and noise troubles. Never share the same power outlet with many other electric appliances.

REMARKS ON OPERATING THE ECR

- The keys on the keyboard function with a light touch. Avoid pressing the keys too hard.
- Do not handle the machine with wet hands, since this may cause electrical malfunctions and corrosion of parts.
- Do not apply thinner, benzine, or other volatile materials to the cabinet or other plastic parts. Such liquids will cause discoloration or deterioration of the cover. If dirty, wipe off with a piece of cloth soaked in a neutral detergent and wrung out thoroughly.
- Turn off the power switch when the operations are over for the day.
- Ask your TEC representative to provide periodical maintenance to ensure the optimum performance of the machine.
- As for other operations, follow the instructions in this manual.

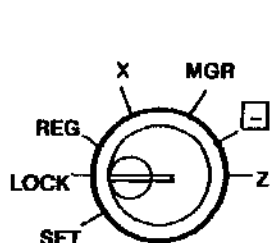
3. APPEARANCE AND NOMENCLATURE



- **Power Switch** The power switch is provided at the right-hand side of the cabinet. The AC power is turned on when the switch is pushed to ON, and turned off when the switch is pushed to OFF.

4. CONTROL LOCKS AND MODE SELECTOR KEYS

4.1 MODE LOCK



(POSITION)	(FUNCTION)
SET ...	In this position, the register will allow programming operations.
LOCK ...	The register operations are locked when the Mode Lock is in this position. Meanwhile, the current time is displayed.
REG ...	Normal cash register operations are carried out in this mode. However, the operations requiring a Manager Intervention cannot be performed in this mode.
X	The sale totals in memory can be read and the programmed data can be verified in this position.
MGR ...	This position allows to register all normal cash register operations to be carried out in the "REG" mode and the operations requiring a Manager Intervention.
☐	This is the "Negative Mode", which automatically processes all the entries in the reverse way, i.e. positive items into negative, and the negative into positive. It is usually used to return or cancel all the items once purchased in a sale in the "REG" or "MGR" mode.
Z	All the resetable totals and their respective counters in memory will be read <u>and</u> reset in this position.



REG Key: The REG Key is used by the cashier or clerk who operates the register. This key can access the positions of **LOCK** and **REG**.



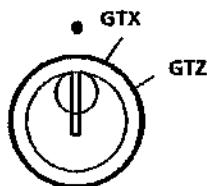
MGR Key: The MGR Key is used by the store manager or a person authorized by the manager. This key can access the positions of **LOCK**, **REG**, **X**, and **MGR**.



MA Key: The MA Key is used by the store manager who will daily supervise the collection of money and the printout of transactions recorded by the register. It is also used by the programmer. This key can access the positions of **SET**, **LOCK**, **REG**, **X**, **MGR**, ☐, and **Z**.

The keys may be inserted or pulled out at the "LOCK" or "REG" position.

4.2 GT LOCK



This lock is provided to read or reset the accumulated sales totals not on the daily but on weekly or monthly basis. This lock will not be used for any other purpose than report takings.

GTX Position may be accessed by the **GTX Key** or **GTZ Key**.

GTZ Position may be accessed by the **GTZ Key** only.

(Further instructions as to the GT Lock are in the **MANAGER'S GUIDE**).

NOTE : Please set the GT lock to the neutral position (marked with ".") with the GTX or GTZ key removed when reports are not being taken.

4.3 RECEIPT ON/OFF SWITCH

RECEIPT

ON



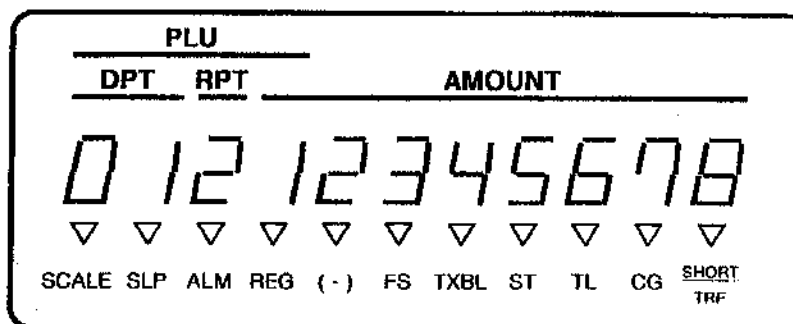
OFF

This switch has two positions available -- 'OFF' position and 'ON' position. When in the 'OFF' position, no receipt is issued from the register and sales are printed on the journal roll only. When the switch is set to the 'ON' position, sales are printed on both receipt roll and journal roll, then a receipt is issued which is automatically cut off and given to the customer.

5. DISPLAY

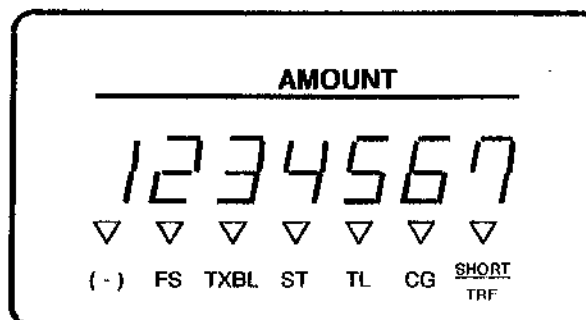
A tilt type is adopted for the operator display, which is adjustable in the up and down direction. The entered amounts and the obtained total are easy to see.

OPERATOR DISPLAY (Front Display)



The customer display can be fixed as a rear display or moved to form a remote display. It can be moved up, down, to the right, and to the left, and thus is fully adjustable according to the position of the customer.

CUSTOMER DISPLAY (Rear or Remote Display)



NUMERIC DISPLAY

- AMOUNT (8 digits) :** Displays the numeric data, such as amount, quantity, etc.
- DPT (2 digits) :** Displays the code which represents each Department key. It stays lit when repeating the same department entry.
- RPT (1 digit) :** Displays the repeat count of the same item. The count is indicated from the second entry on, and only the last digit will be displayed even if the count exceeds nine.
- PLU (4 digits; the DPT, RPT and AMOUNT digits are commonly used for this purpose.):**
Displays the PLU code when any PLU is entered. It goes out when repeating the same PLU entry.

MESSAGE DESCRIPTORS (TRIANGULAR INDICATORS)

- SCALE:** Lights up when Scale Entry has been executed.
- SLP :** Lights up when a slip has been properly inserted to allow validation. It flickers to require a validation when validation compulsory status has been programmed on the last operation.
- ALM :** Lights up with the alarm buzzer to indicate that the last operation or numeric entry was an error. To clear the error condition, depress the **[C]** key.
- REG :** Lights up when a sale item has been entered.
- (-) :** Lights up when a negative amount such as **[RTN MDSE]**, **[ITEM CORR]**, **[DOLL DISC]**, or **[%-]** key has been operated. It also lights up when the **[ST]**, **[TXBL TL]** or one of the total keys has been depressed and the displayed amount is negative. It lights up also when an amount is entered in the " **☐** " mode.
- FS :** Light up when a department or PLU item with a food stampable status is entered.
- TXBL :** Lights up when a taxable item has been entered.
- ST :** Lights up when the subtotal amount is displayed after the **[ST]** key has been depressed.
- TL :** Lights up on a finalizing operation with the total amount displayed when a sale is finalized without any amount tendered.
- CG :** When an amount tendering operation has been performed, this lamp lights up with the change due displayed.
- SHORT :** Lights up when the amount tendered is less than the sale total with the shortage amount displayed.
- TRF**
Lights up also when all the sale balance are transferred to the new sale balance for charge posting.

6. CASHIER-IDENTIFYING OPERATION

The MA-1600 adopts the following cashier-identifying operations.

- SIGNING METHOD, using the [LOG] key (standard)
- CASHIER KEY METHOD, using cashier keys (option)

No registering operations cannot be executed without cashier-identifying operation.

6.1 SIGNING METHOD (Cashier Sign-ON/OFF)

OPERATION

- Sign-ON Allowed when a register is in the sign-OFF condition.

		[LOG] . . .	A sign-ON receipt is issued, and sales entries are possible.
		└─ 2-digit manager-assign code (01 to 99)	
		└─ 2-digit Cashier's own secret code (01 to 99)	
		(The code being entered will not be displayed.)	

- Sign-OFF Allowed when a register is in the sign-ON condition.
- 0[LOG] A sign-OFF receipt is issued, and no sales entries will be accepted until a cashier signs ON.

- NOTES :**
1. The entered 2-digit code after reset the daily cashier report will be programmed as the cashier's own secret code.
 2. A cashier's own secret code is cleared when a daily cashier report is reset.

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

***SIGN ON ***

JONES 0064 09:24TM

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
 Call again

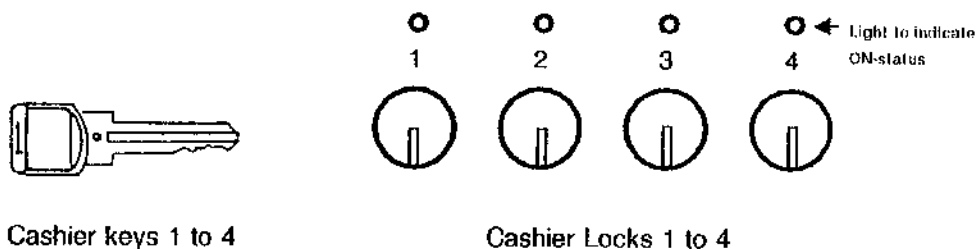
11-20-90 #3001

SIGN OFF

JONES 0065 09:24TM

6.2 CASHIER KEY METHOD (Push-stay Cashier Keys)

Push-stay Cashier Keys



Each key is assigned to each cashier. The register will not operate in the "REG", "MGR", or "☒" mode unless one of these keys is inserted and pushed on or pushed-and-locked at the corresponding Cashier Lock. The light is lit when the key is in the ON-status.

Each of the keys may be inserted and pulled out in the neutral position marked with "1" to "4" in the above figure, and two ways are provided to set the Cashier Key to ON status:

PUSH-ON

When simply pushed on and released, the Cashier Key is set to ON status. This ON condition will be cleared by any of the following operations:

- 1) when no key-in operations follow in three seconds.
- 2) when the transaction is finalized.
- 3) when another Cashier Key is pushed-on when outside a sale.
- 4) when the Mode Lock is turned to another position.

PUSH-AND LOCK

When pushed and turned to the right, the ON status is locked until it is turned back to release and another Cashier Key is set to ON.

When another Cashier Key is attempted to push-and-lock, the register will entirely be locked.

If a Cashier Key has already been set to ON and a sale is under way, another Cashier Key will be disregarded of attempted to ON.

NOTE : To select the multi-drawer feature, the cashier key method must be adopted instead of the signing method.

7. KEYBOARD LAYOUT

The following are typical keyboard layout for the MA-1600-100 series. Since this series is designed to be capable of programming most of the keys to be placed in the desired place on the keyboard, this is merely an example. The keyboard of your register should have its own layout according to the store's requirements.

--- Standard Keyboard Layout ---

#	LOG	NS	RF	JF	1	6	11	16	21	26	VALI DATE	STOCK
SALES PERSON	S/M	C		TX/M	2	7	12	17	22	27	CARD NO.	ALL VOID
LC OPEN	FSM	7	8	9	3	8	13	18	23	28	VND CPN	DOLL DISC
RTN MDSE	@FOR	4	5	6	4	9	14	19	24	29	STR CPN	%-
VOID	AMT	1	2	3	5	10	15	20	25	30	SI/TL	EX
ITEM CORR	PLU	0	00	•	ST	TXBL TL	AT/TL		CHK TND	Chg	FSTL TEND	MISC

Other keys not placed in the keyboard above :

Additional Department Keys (31 to 60)

[000]
[RPT]
[PR OPEN]
[OPEN]
[% +]
[TAX]
[TX 2/M], [TX 3/M]

[CPN]
[R/A]
[PO]
[CUR1] to [CUR4]
[RECEIPT ISSUE]
[PB +], [PB -]
[TRF]
[BTL RTN]

[SI2/M]
[SI2/TL]
[PICK UP BAL]
[CODE OPEN]
[SCALE]
[TARE]
[CHECK NO.]
[SHIFT]
[CREDIT1], [CREDIT2]

8. FUNCTIONS OF EACH KEY

This section briefly describes functions of each key for your quick reference purposes. See the reference pages in Section 9 : REGISTERING OPERATIONS for detail operation sequences.

TABLE OF KEY FUNCTIONS

KEY	FUNCTIONS	REFERENCE PAGE												
<table border="1"> <tr><td>7</td><td>8</td><td>9</td></tr> <tr><td>4</td><td>5</td><td>6</td></tr> <tr><td>1</td><td>2</td><td>3</td></tr> <tr><td>0</td><td>00</td><td>.</td></tr> </table>	7	8	9	4	5	6	1	2	3	0	00	.	<p>Numeric keys . Used to enter numeric values. Depressing the [00] key once is the same as depressing the [0] key twice consecutively. Depressing the [000] key once is the same as depressing the [0] key three times consecutively. [.] key is used to designate the decimal point of a percentage rate or a quantity.</p>	—
7	8	9												
4	5	6												
1	2	3												
0	00	.												
<table border="1"> <tr><td>RF</td></tr> </table>	RF	<p>Receipt Feed Key. Used to advance the receipt roll and operated by holding it down until the paper has advanced to the required position.</p>	—											
RF														
<table border="1"> <tr><td>JF</td></tr> </table>	JF	<p>Journal Feed Key. Used to advance the journal roll in the same fashion as the [RF] key is used to receipt roll.</p>	—											
JF														
<table border="1"> <tr><td>RECEIPT ISSUE</td></tr> </table>	RECEIPT ISSUE	<p>Receipt Post-Issue key. Used to issue the receipt of a sale when the sale has already finalized with the [RECEIPT ON/OFF] Switch positioned to OFF.</p>	37											
RECEIPT ISSUE														
<table border="1"> <tr><td>1</td><td>to</td><td>60</td></tr> </table>	1	to	60	<p>Department keys. Used to enter each item, serving for classifying merchandise by department.</p>	17, 18, 22									
1	to	60												
<table border="1"> <tr><td>PLU</td></tr> </table>	PLU	<p>PLU (Price-Look-Up) key. Used to enter a PLU that is linked to a department.</p>	18, 19, 22											
PLU														
<table border="1"> <tr><td>AMT</td></tr> </table>	AMT	<p>Amount key. Used to enter a manual amount of PLU item.</p>	18											
AMT														
<table border="1"> <tr><td>NS</td></tr> </table>	NS	<p>No-sale key. Used to open the cash drawer without relating to a sale.</p>	16											
NS														
<table border="1"> <tr><td>#</td><td>#/CID</td></tr> </table>	#	#/CID	<p>Non-add Number Print key. Used to print a non-add numbers for future references.</p>	25										
#	#/CID													

KEY	FUNCTIONS	REFERENCE PAGE
% +	Percent Charge key. Used to add a percent rate to a sale.	23
%-	Percent Discount key. Used to subtract a percent rate from a sale.	23
DOLL DISC	Dollar Discount key. Used to subtract an amount from the sale.	24
@/FOR	At/For key. Used to multiply a department or a PLU item entry by a quantity. Also used to auto-calculate and enter a split package price.	20
C	Clear key. Used to clear numeric entries or a declaration key entry.	—
PR OPEN	Preset Open key. Used to release a preset-price department or PLU items for a manual price entry.	17, 18
LC OPEN	Listing Capacity Open key. Used to release the listing capacity preprogrammed on each department or PLU.	25
OPEN	Preset and Listing Capacity Open key. This is a dual-function key that has both [PR OPEN] and [LC OPEN] functions.	17, 18, 19
VND CPN	Vendor Coupon key. Used to enter the amount of vendor coupons received from the customer.	26
STR CPN	Store Coupon key. Used to subtract a store coupon amount redeemed through a department.	26
RTN MDSE	Returned Merchandise key. Used to refund money to a customer who has returned items already purchased.	23
ITEM CORR	Item Correct key. Used to delete the last item entered within the current transaction.	24

KEY	FUNCTIONS	REFERENCE PAGE
VOID	Void key. Used to delete an item entered previously (before the last item) in the current transaction.	27
ALL VOID	All Void key. Used to delete all items entered in the current transaction.	27
R/A	Received-on-Account key. Used to enter payments received on account, i.e. not relating to a sale.	35
PO	Paid-Out key. Used to record amounts paid out of the cash drawer not relating to a sale.	35
ST	Subtotal key. Used to obtain subtotal of the current transaction.	28
TXBL TL	Taxable Total key. Used to obtain taxable total (subtotal + taxes) of the current transaction.	28
AT/TL	Cash Amount Tendered/Cash Total key. Used to record all cash paid transactions, and will be able to finalize a sale operation.	31, 32
CHECK TEND	Check Tendered key. Used to cash a check or to finalize the transaction as a check payment.	31~33
Chg	Charge Total key. Used to finalize the transaction for charge sale.	31, 32
CPN	Media-Coupon key. Used to finalize the transaction for media coupons.	31
MISC	Miscellaneous Media key. Used to finalize the transaction for other media.	31
FSTL TEND	Food Stamp Total Read/Tender key. Used to display the food-stampable total (maximum amount the customer may pay). Also used to enter the food stamp amount tendered by the customer.	29

KEY	FUNCTIONS	REFERENCE PAGE
VALID DATE	Validation key. Used to print a required item or finalizing a required sale on a validation slip.	36
PB+ PB-	Previous Balance keys. Used to enter a previous balance in a charge posting operation.	38, 39
TRF	Transfer key. Used to transfer the entire balance in a charge posting operation with no payment.	38
TX/M TX1/M TX2/M TX3/M	Tax Modifier key(s). Used to reverse the taxable/non-taxable status on departments, PLUs, or other tax-status programmable keys.	25
FS/M	Food Stamp Modifier key. Used to reverse the food stampable/non-stampable status of a department, PLU, or other food stamp status programmable keys.	25
EX	Tax Exempt key. Used to declare the exemption of the taxes from the sale.	30
CUR 1 CUR 4 to	Foreign Currency keys. Used in tendering or exchange with foreign currencies.	33
TAX	Manual Tax key. Used to enter an irregular tax amount that cannot be calculated on the basis of the programmed tax table, and to add it to the sale total.	28
LOG	Log key. Used for signing-ON and signing-OFF to identify which cashier is operating the register.	17
SALES PERSON	Salesperson key. Used for entering an individual code of each salesperson to obtain his or her individual sales data.	48
STOCK	Stock Read Key. Used to read the remaining stock quantity of the designated PLU from the memory.	MG 50, 61

KEY	FUNCTIONS	REFERENCE PAGE
CARD NO.	Card No. key. Used to enter the code number (1 to 12) which classifies the credit card company, followed by the sale finalization with the [Chg] key.	44
RPT	Repeat key. Used to repeat a department or PLU item entry. This key enables to repeat entries not only for normal department or PLU items but also items modified with [PR OPEN] .	19
BTL RTN	Bottle Return key. Used to enter a bottle return amount. The amount entered through this key will be negative.	43
PICK UP BAL	Pick Up Balance key. Used when the "Customer File" (Check Track) memory option is selected instead of the "Manual PB Entry" type.	40
CODE OPEN	Customer File Code Open key. The same as Pick Up Balance key.	40
SCALE	Scale key. Used to enter various scaled items.	45
TARE	Tare No. key. Used to enter the preset tare weight data prior to a scaled item entry.	46
CHECK NO.	Check No. and Endorsement Print key. Used to print the endorsement data with or without a check No. print after finalizing a sale with a non-cash media key.	49
CREDIT 1 , CREDIT 2	Credit key. Used as the additional non-cash media key according to the requirements of each store. This key has exactly the same functions and programmabilities as other media keys.	31, 32, 33
SI/TL , SI2/TL	Selective Itemizer Total key. Used to display (and print) the selective itemizer contents.	44

KEY	FUNCTIONS	REFERENCE PAGE
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin: 2px;">S1/M</div> <div style="border: 1px solid black; padding: 2px 5px; margin: 2px;">S12/M</div> </div>	<p>Selective Itemizer Modifier key. Used to reverse the selective itemizer status programmed on each department or PLU.</p>	25
<div style="border: 1px solid black; padding: 2px 5px; margin: 2px; width: fit-content;">SHIFT</div>	<p>Department Shift key. Used to shift two different departments from one to the other. For example, [DEPT1] can be used as [DEPT31] when the [SHIFT] key is depressed prior to [DEPT1].</p>	17

9. REGISTERING OPERATIONS

The following pages are registering operation patterns and actual operation samples. In the patterns, " | _____ | " indicates an input through the numeric keys, "[]" indicates a depression of the transaction key. In referring to the sample operations, please note that the programmed data on some keys or items (such as Department keys) may be different from those programmed for your store.

CONDITION SETTING TO START REGISTERING

GT Lock : Be certain to set the key in the neutral position marked "•".

Mode Lock : Insert the "REG" key and set it to the "REG" position.

Cashier-identifying operation: You must sign-ON. or when selected the cashier key method, you must set your cashier key to the ON status.

No-sale

The no-sale transaction is used to open the cash drawer without relating to any sales, such as for giving change, testing the receipt/journal print condition, etc.



(must be operated outside a sale)

[NS] The drawer opens and a No-sale receipt is issued.

-- Receipt Print Sample --

<p>TEC STORE 1343 PEACH DRIVE PHONE: 87-6437</p> <p>Thank you Call again</p> <p>11-20-90 #3001</p> <p>*NO SALE *</p> <p>JONES 0067 09:26TH</p>

Department Entry

Each department key is preprogrammed as the "PRESET" type (with a price programmed on the key) or "OPEN" type (with no price programmed on the key). Perform operation depending on the type selected.

OPERATION

Open Department Type

- | Price | ((SHIFT)) [Open DEPT]

⋮
for the shifted depts.

Preset Department Type

- ((SHIFT)) [Preset DEPT]

⋮
for the shifted depts.

- [PR OPEN] | Price | ((SHIFT)) [Preset DEPT]
(or [OPEN])

⋮
for the shifted depts.

-- Receipt Print Sample --

FRUIT	2.50TF
-------	--------

PLU Entry

Each PLU key is preprogrammed as the "PRESET" type (with a price programmed on the key) or "OPEN" type (with no price programmed on the key). Perform operation depending on the type selected.

OPERATION

Open PLU Type

- | PLU Code | [PLU] | Price | [AMT]
- | Price | [PLU Preset-code Key]

Preset PLU Type

- | PLU Code | [PLU]
- [PLU Preset-code Key]
- [PR OPEN] | PLU Code | [PLU] | Price | [AMT]
(or [OPEN])
- [PR OPEN] | Price | [PLU Preset-code Key]
(or [OPEN])

- * [PLU Preset-code Key] may be provided on the ECR keyboard or on the PK-2 (hardware option ; PLU keyboard)

-- Receipt Print Sample --

Milk-Small	0.40TF
Donuts-5	1.20TF

Sub-link Department Entry

OPERATION

Head-link Dept Entry → Sub-link Dept Entry
(compulsory)

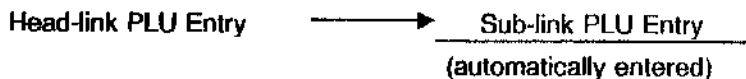
- NOTES :**
1. Entry of each declaration key (such as [RTN MDSE], [PR OPEN], etc.) or Quantity Extension for a Head-link department do not affect a Sub-link department.
 2. When [ITEM CORR] is depressed after a Head-link department Entry, the compulsion of a Sub-link department Entry will be canceled.

-- Receipt Print Sample --

DRINK	2.50T
BTL DEPO	0.20

Sub-link PLU Entry

OPERATION



-- Receipt Print Sample --

Coke Small-B	0.60T
Small-B Dept	0.05

Repeat Entry

To repeat the same item as the last entry, simply depress the last key of the department and PLU entry sequence, or depress **[RPT]** key.

- NOTES :**
1. If the first item of those repeated is modified with **[LC OPEN]**, **[TX/M]**, **[SI/M]** or **[FS/M]**, the modified status will be effective through the last item of the repeated.
 2. The Preset Price Open Repeat Entry using a **[Preset DEPT]** or a **[PLU Preset-code Key]** may be repeated through the **[RPT]** key.

-- Receipt Print Sample --

Plum Jam	1.80TF
Plum Jam	1.80TF

Quantity Extension (Multiplication)

OPERATION

(1) Department

- | Quantity | **[@/FOR]** **([SHIFT]) [Preset DEPT]**
 | for the shifted depts.
 | may be omitted if the Quantity is one digit.
- | Quantity | **[@/FOR]** | Price | **([SHIFT]) [[Open DEPT]**
 | for the shifted depts.
- | Quantity | **[@/FOR] [PR OPEN]** | Price | **([SHIFT]) [Preset DEPT]**
 (or **[OPEN]**) for the shifted depts.

(2) PLU

- | Quantity | **[@/FOR]** | **[PLU Preset-code Key]**
 | may be omitted if the Quantity is one digit.
- | Quantity | **[@/FOR]** | PLU Code | **[PLU]**
- | Quantity | **[@/FOR]** | Price | **[PLU Preset-code Key]**
- | PLU Code | **[PLU]** | Quantity | **[@/FOR]** | Price | **[AMT]**
- | Quantity | **[@/FOR] [PR OPEN]** | Price | **[PLU Preset-code Key]**
 (or **[OPEN]**)
- **[PR OPEN]** | PLU Code | **[PLU]** | Quantity | **[@/FOR]** | Price | **[AMT]**
 (or **[OPEN]**)

NOTE : Quantity Max. 3 integral + 3 decimal digits
 Price (Unit Price) Max. 6 digits
 Product Must not exceed 8 digits.

-- Receipt Print Sample --

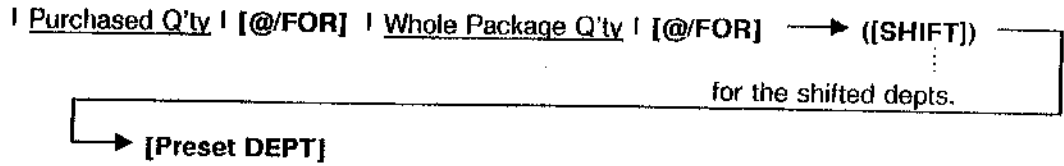
3X	1.20 @
Rye Bread	3.60TF

Split Package Pricing

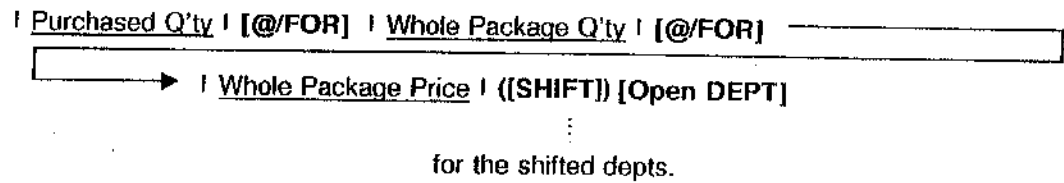
OPERATION

(1) Department

- Preset Dept

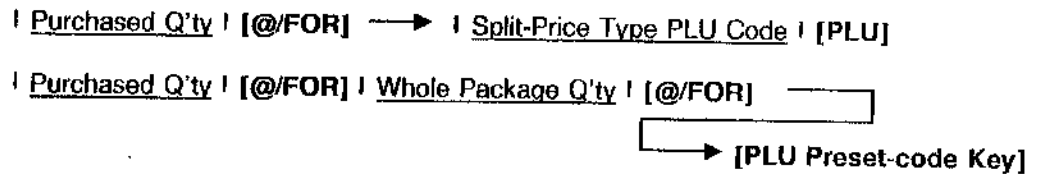


- Open Dept

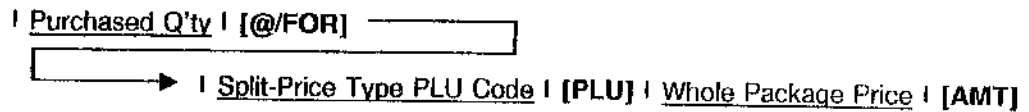


(2) PLU

- Preset PLU

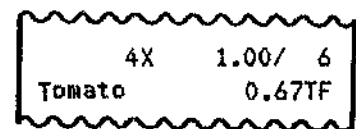


- Open PLU



- NOTES :**
1. Purchased Q'ty max. 3 digits integral only.
Whole Package Q'ty max. 3 digits integral only.
Whole Package Price max. 6 digits
 2. Usually the fraction of the result is rounded up in split package pricing.
 However, it is programmable to rounded up the fraction of each item price.
 3. Only the Split-Price Type PLUs (i.e. with Whole Package Quantity programmed) allow split package pricing operations using PLUs.

-- Receipt Print Sample --



Single-Item Department or Single-Item PLU

If a department (or PLU) is programmed as Single-item, the department (or PLU) entry sequence will immediately finalized the sale as cash sale when outside a sale.

OPERATION

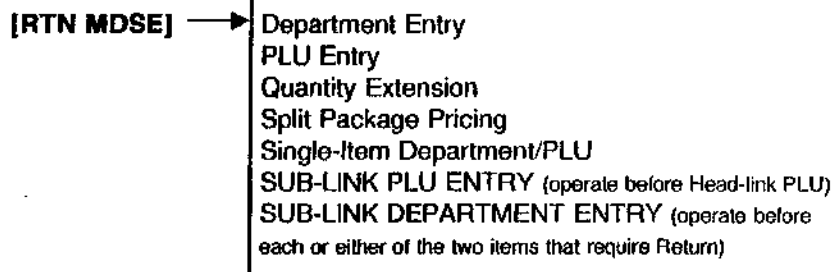
Same as	Department Entry PLU Entry Quantity Extension Split Package Pricing
---------	--

-- Receipt Print Sample --

TEC STORE	
1343 PEACH DRIVE	
PHONE: 87-6437	
Thank you	
Call again	
11-20-90 #3001	
DP 14	2.50
CASH	2.50
ITEM	1
JONES	0075 09:35TH

Returned Merchandise

OPERATION



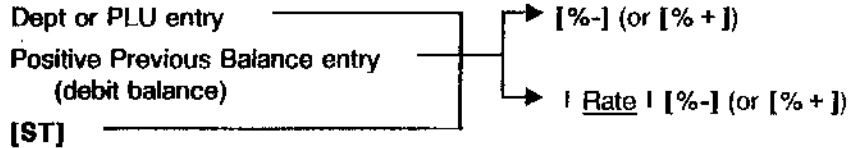
NOTE : The [RTN MDSE] key can be used outside as well as inside a sale.

-- Receipt Print Sample --



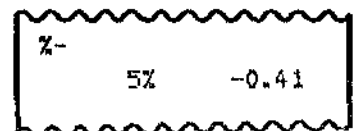
Percent Discount, Percent Charge

OPERATION



- NOTES :**
1. Rate 0.001 to 99.999 (%).
 2. When the Dept or PLU item entry is modified with [RTN MDSE] or [VOID], the following % entry will also be modified with [RTN MDSE] or [VOID].
 3. Usually a % key operation after [ST] once obtained is allowed only once. However, it may be programmed to allow more than once.

-- Receipt Print Sample --



Dollar Discount

OPERATION

| Amount to be discounted | [DOLL DISC]

NOTE : An amount exceeding the sale total cannot be entered unless the "Credit Balance" option is selected.

-- Receipt Print Sample --

```

DISC          -0.50
    
```

Item Correct

OPERATION

Department Entry PLU Entry Repeat Entry Quantity Extension Split Package Pricing Percent Discount/Charge Store Coupon Vendor Coupon Charge Posting Received-on-Account Paid-Out Manual Tax Entry Returned Merchandise Bottle Return Dollar Discount	→ [ITEM CORR]
---	---------------

- NOTES :**
1. When [ITEM CORR] is depressed after a Repeat Entry, only the last item of those repeated will be deleted.
 2. When [ITEM CORR] is depressed after a Quantity Extension, the entire product (result of multiplication) will be deleted. The same is applied to the Split Package Pricing sequence.

-- Receipt Print Sample --

```

          3X   0.45 @
SOUP-GAR-----1.35FF
    
```

Non-add Number Print

Non-add numbers can be entered and printed for future references, to indicate codes or numbers of customers, media checks, credit cards, etc. The entered numbers do not affect any sale total data.

OPERATION

| Number | [#]
Max. 8 digits. (or [#NS])

- NOTES :**
1. It is programmable whether a No-sale operation is allowed after a Non-add Number entry.
 2. It is also programmable whether Non-add Number can only be entered once or any number of times within a transaction.

-- Receipt Print Sample --



Listing Capacity Open

For Departments and PLUs

Depress [**LC OPEN**] (or [**OPEN**]) prior to or any time during an entry of an open-department, open-PLU, or preset-open department or PLU sequence (including REPEAT and QUANTITY EXTENSION entries). Please note that the [**LC OPEN**] or [**OPEN**] key must be pressed, at latest, before the final key of the entry sequence. The HALC (High Amount Listing Capacity) for the department or PLU will be extended with two higher digits, and the LALC (Low Amount Listing Capacity) will be extended with one lower digits. For entering an amount still exceeding these limits, you must call for a Manager Intervention.

For Media Tender Amounts or Amounts through [**DOLL DISC**], [**VND CPN**], [**STR CPN**], [**BTL RTN**]

To exceed their limits, you must call for a Manager Intervention. The [**LC OPEN**] key will not effective.

Modification of Tax Status, Food Stamp Status, or Selective Itemizer Status

Depress [**TX/M**] ([**TX1/M**], [**TX2/M**] or [**TX3/M**]) in the same way as [**LC OPEN**] is operated, prior to or any time during the entry sequence of the required Department, PLU, or any tax-status-programmable item. The taxable status is reversed to non-taxable, and vice versa. The [**FS/M**] key operates the same to reverse from the food stampable status to non-stampable, and vice versa, of the required item. The [**SI/M**] ([**SI1/M**], or [**SI2/M**]) key also has the same function as the above modifier keys. (i.e. the function to reverse from the SI-net status to the non-net status, and vice versa, of the required item.

Vendor Coupon

OPERATION

| Coupon Amount | [VND CPN]

NOTE : *The coupon amount to be entered must not exceed the sale total unless the "Credit Balance" option is selected.*

-- Receipt Print Sample --

V.CPN	-10.00
-------	--------

Store Coupon

OPERATION

[STR CPN] → Follow | Department Entry
| Quantity Extension for Depts |

NOTE : *The store coupon amount to be entered must not exceed the sale total unless the "Credit Balance" option is selected.*

-- Receipt Print Sample --

S.CPN	
FISH	-2.00TF

Void**OPERATION**

[VOID] → Department Entry
 PLU Entry
 Quantity Extension
 Split Package Pricing

NOTE : An amount exceeding the sale total cannot be entered unless the "Credit Balance" option is selected.

-- Receipt Print Sample --

CAN FOOD	2.50TF
SPICE	1.50T
VOID	
SPICE	-1.50T

All Void (Cancel)**OPERATION**

[ALL VOID] → **[ITEM CORR]**

-- Receipt Print Sample --

TEC STORE	
1343 PEACH DRIVE	
PHONE: 87-6437	
Thank you	
Call again	
11-20-90	#3001
VEGETABLE	2.50TF
6X	1.00/ 6
Tomato	1.00TF
Milk-Small	0.40TF
Hard Rolls-4	0.80TF
2X	0.50 @
Tuna Can	1.00TF
ALL VD	5.70
JONES	0089 12:39TM

- NOTES :**
1. Pressing the **[ALL VOID]** key, followed by the **[C]** key will result in all void cancellation.
 2. It is inoperable if 31 items or more are entered.

Manual Tax Entry

OPERATION

| Irregular Tax Amount to be Added | [TAX]

-- Receipt Print Sample --

TAX4	0.50
------	------

Subtotal

OPERATION

[ST]

NOTE : A program option provides the selection not to print but only display the subtotal even on the first depression of the [ST] key.

-- Receipt Print Sample --

SUBTL	6.80
-------	------

Taxable Total Read

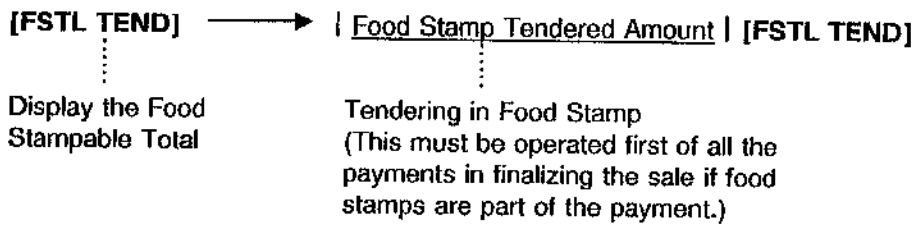
The sale total including tax due of the items so far entered is displayed, but not printed.

OPERATION

[TXBL TL]

Food Stampable Total Read, Food Stamp Tendering

OPERATION



NOTE : When the Food stamp tendered amount is less than the sale total, the sale is not finalized with the balance still due is displayed. Then it will be finalized with cash or other media total or tendering operations.

SAMPLE OPERATION CONTENTS	KEY OPERATION	DISPLAY																
		PLU		AMOUNT								SH						
		DPT	RPT	SC	DL	AM	RE	FS	TL	ST	TL	CG	TR					
Sale items have been entered.																		
Food Stampable total is read.	[FSTL TEND]																	
Tenders \$10.00 in food stamps.	1000																	
The sale is finalized, change is displayed.	[FSTL TEND]																	
		2																

-- Receipt Print Sample --

TOTAL	7.99
FS/TL	7.99
F-STMP	10.00
CHANGE	0.01
FS CHG	2.00
ITEM	2
JONES	0097 12:57TH

Change in Food Stamps (unit dollar)

Change in cash.

Tax Exempt

OPERATION

Selective Tax Exemption

- [TX1/M] [EX] → Sale Finalization --- to exempt Tax 1 only
 [TX2/M] [EX] → Sale Finalization --- to exempt Tax 2 only
 [TX3/M] [EX] → Sale Finalization --- to exempt Tax 3 only

All Tax Exemption

- [EX] → Sale Finalization] to exempt all taxes.
 [TX1/M] [TX2/M] [TX3/M] [EX] → Sale Finalization]

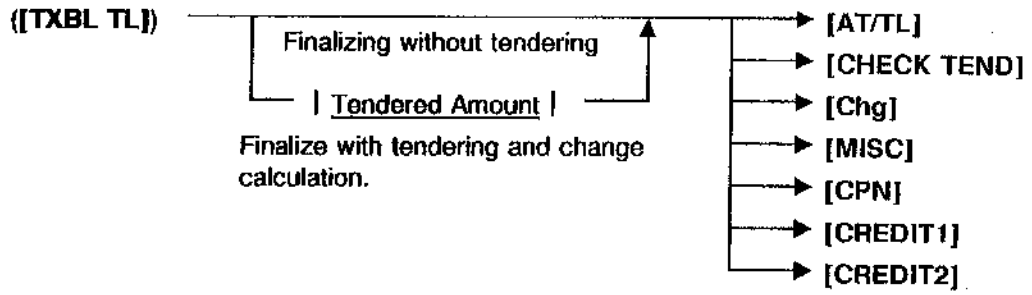
NOTE : On depressing [EX], the sale total excluding the exempted-tax(es) is displayed and pre-taxed amount of the sale portion subject to the tax exemption is printed.

-- Receipt Print Sample --

TAX1EX	5.45
TAX2EX	1.00

Sale Finalization by Media Keys

OPERATION



- NOTES :**
1. Whether each Media Key is depressed with a prior Tendered Amount entry or not is determined by the key status selections programmed for each media key.
 2. If the sale total is "0" or negative, any media key must be depressed without a tendered amount entry even if it is programmed as a "Tender" Key.

-- Cash Tender Sample --

CATEND	10.00
CHANGE	2.48
ITEM	12
JONES	0099 13:04TH

-- Charge Total Sample --

Chg	12.72
ITEM	5
JONES	0100 13:05TH

Multi-Tendering

Short-tendering repeated multiple times by the same media (allowed only when the media key is programmed to allow short-tendering).

OPERATION

((TXBL TL)) → | 1st Amount Tendered | [MEDIA] →
 → | 2nd Amount Tendered | [MEDIA] → repeat if not yet finalized.

-- Receipt Print Sample --

TRN	AMOUNT
TOTAL	11.50
CATEND	10.00
CATEND	2.00
CHANGE	0.50
ITEM	12
JONES	0101 13:06TM

Split-Tendering

Short-tendering repeated multiple times by the different media keys (allowed only when the media keys are programmed to allow short-tendering).

OPERATION

Example 1)

((TXBL TL)) → | Check Amount Tendered | [CHECK TEND] →
 → | Cash Amount Tendered | [AT/TL] --- Check & Cash
 → [Chg] --- Check & Charge
 → | Cash Amount Tendered | [AT/TL] [Chg] --- Check & Cash & Charge

Example 2)

((TXBL TL)) → | Cash Amount Tendered | [AT/TL] [Chg] --- Cash & Charge

-- Receipt Print Sample --

TRN	AMOUNT
TOTAL	13.03
CHECK	10.00
CATEND	5.00
CHANGE	1.97
ITEM	12
JONES	0102 13:08TM

Check Cashing (No-sale cashing of a non-cash media)

OPERATION (must be operated outside a sale)

| Check Amount to be Cashed | [CHECK TEND] --- The drawer opens to enable the exchange.

NOTE : Other non-cash media keys may be used for this purpose if programmed to allow no-purchase cashing.

-- Receipt Print Sample --

```

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
          Call again

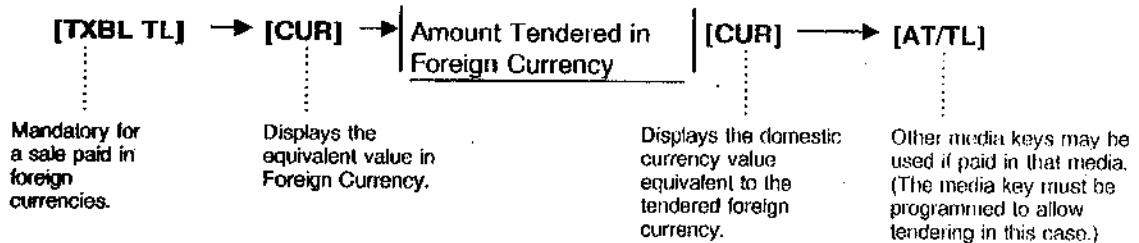
11-20-90  #3001

CHECK      20.00

JONES     0109 15:02TH
    
```

Sale Paid In Foreign Currencies

OPERATION



- NOTES**
1. When a tendering by a foreign currency occurs during a short tendered condition, the [TXBL TL] key will not be mandatory.
 2. The sale is finalized if over-tendered, with change due displayed in the domestic currency.
If short-tendered, the balance due is displayed in the domestic currency value.
 3. A sale of negative balance cannot be finalized using any of the foreign currency keys.
 4. The foreign currency keys cannot be used to finalize Received-on-Account payments, Paid-out items, or charge posting.

SAMPLE OPERATION CONTENTS	KEY OPERATION	DISPLAY																			
		PLU		AMOUNT									BT								
		DPT	RPT	SC	BL	AL	RE	ST	FE	TX	ST	TL	CO	TR							
Sale items have been entered.																					
Obtain subtotal.	[TXBL TL]																				
The customer wants to pay in Foreign Currency. (Reading the displayed amount in CUR, you tell the amount to the customer.)	[CUR1] (The CUR value equivalent to the above subtotal amount is displayed.)																				
The customer tenders an amount of F50.00 in CUR.	5000 [CUR1] (The amount tendered is displayed in the domestic currency.)																				
Since paid in cash, use [AT/TL].	[AT/TL]																				
The sale is over-tendered and finalized. Give the change (displayed in the domestic currency value) to the customer in the domestic currency.	TAX 0.38 TOTAL 6.38 CATEND 9.31 CHANGE 2.93 ITEM 6 JONES 0110 15:04TM																				

No-sale Exchange from a Foreign Currency to the Domestic Currency

OPERATION (must be operated outside a sale)

[CUR] → | Amount of Foreign Currency to be exchanged | [NS]

The drawer opens to enable exchange. Displays the domestic currency amount equivalent to the entered foreign currency amount.

-- Receipt Print Sample --

```

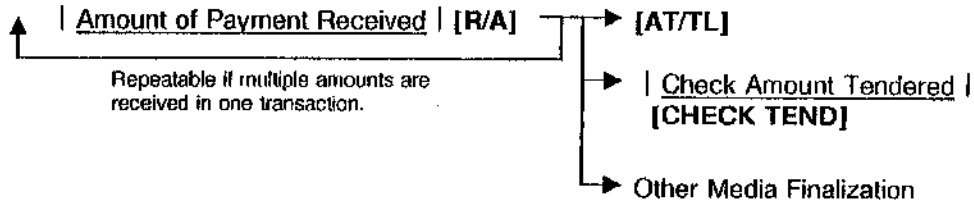
CUR2      100.00
CHANGE    56.76

JONES    0111 15:07TM
    
```


Received-on-Account

A received-on-account transaction is used to identify money which is in the drawer but not from the daily business.

OPERATION (must be operated outside a sale)

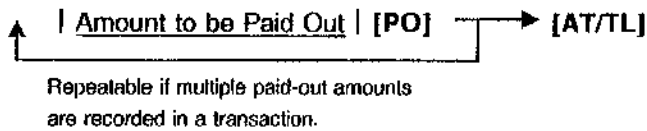


NOTE : Media Keys to finalize R/A entries must be programmed with the status "R/A operation allowed".

Paid-Out

A paid-out transaction is used when money is removed from the drawer without totaling to a sale.

OPERATION (must be operated outside a sale)



NOTE : Only [AT/TL] key can finalize paid-out transactions.

-- Receipt Print Sample --

TEC STORE	
1343 PEACH DRIVE	
PHONE# 87-6437	
Thank you	
Call again	
T	1
	11-20-90 #3001
Tha	R/A 5.00
	R/A 3.00
	CASH 8.00
11	JONES 0112 15:08TM
PO	2.50
PO	3.50
TOTAL	6.00
JONES	0113 15:09TM

Validation Print

OPERATION

After entering the required item through a transaction key or media key (NOTE 3)

→ Insert a validation slip into the validation slot. → [VALIDATE]
 Make sure that the "SLP" lamp is steadily lit.

- NOTES :**
1. No other operations can follow until the validation slip once printed is withdrawn.
 2. Because printing occurs on the bottom side of the paper, please be certain to insert the slip into the validation slot with the printing side downward.
 3. If the "SLP" lamp flickers during registrations, it indicates that the last item just registered has been programmed to require validation print. In this case, no other operations can follow until the validation print of the item is executed.
 4. The following are the programmable selections relating to validation:
 - (1) PRINT FORMAT
 - a) Date Print/Non-print
 - b) Consecutive No. Print/Non-print
 - (2) MULTI- or SINGLE-VALIDATION
 (Number of times of validation print allowed for the same item)
 - (3) VALIDATION COMPULSORY status on the following keys :
 [AT/TL], [CHECK TND], [Chg], [MISC], [CPN], [TRF], [RTN MDSE], [PO], [R/A], [VOID], [ITEM CORR], [DOLL DISC], [VND CPN], [STR CPN], [FSTL TEND], [%-], [BTR],[CREDIT1],[CREDIT2],Negative Departments and PLUs.

RECEIPT PRINT

VALIDATION PRINT

```

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
Call again.

11-20-90 #3001
VEGETABLE 5.20TF
Eggs-6 Pack 3.00TF
#32464
TAX 0.49
Chg 8.69

ITEM 2
JONES 0114 15:12TH
    
```

```

11-20-90 01CL0114 VEGETABLE 5.20TF
-----
11-20-90 01CL0114 Eggs-6 Pack 3.00TF
-----
11-20-90 01CL0114 #32464
-----
11-20-90 01CL0114 Chg 8.69
-----
    
```

Receipt Post-Issue

OPERATION

(must be operated outside a sale)

(A sale is finalized) → [RECEIPT ISSUE]

Programmable options :

- Post-issue receipt is available only when the sale has been finalized with the sale has been finalized with [RECEIPT ON/OFF] switch positioned to "OFF".
- Available regardless of the switch position (in this case two receipts may be obtained for one sale.)
- Post-issue receipt is itemized receipt for a sale of maximum 30 lines. Exceeding 30 lines, the post-issue receipt is total-only receipt.
- Post-issue receipt is always total-only receipt regardless of the number of lines of a sale.

- NOTES :**
1. The post-issue receipt operation is not effective for a charge posting.
 2. The post-issue receipt content will not be printed on the Remote Slip Printer.
 3. The post-issue receipt is not available for Received-on-Account or Paid-Out transactions.

Ordinary Receipt

```

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
          Call again

11-20-90  #3001

MANUAL
2.00LB@  0.60/LB
Shrimp*  1.20TF
Rye Bread 1.20TF
Kiwi Jam  1.90TF
Coke Small-B 0.60T
Small-B Depot 0.05
TAX      0.37
CASH     5.32

ITEM 5
JONES 0116 15:21TM
  
```

Post-issue Receipt

Itemize Type

```

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
          Call again

11-20-90  #3001

MANUAL
2.00LB@  0.60/LB
Shrimp*  1.20TF
Rye Bread 1.20TF
Kiwi Jam  1.90TF
Coke Small-B 0.60T
Small-B Depot 0.05
TAX      0.37
CASH     5.32

ITEM 5
JONES 0116 15:21TM
  
```

Total-only Type

```

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
          Call again

11-20-90  #3001

TOTAL      5.32

JONES 0116 15:21TM
  
```

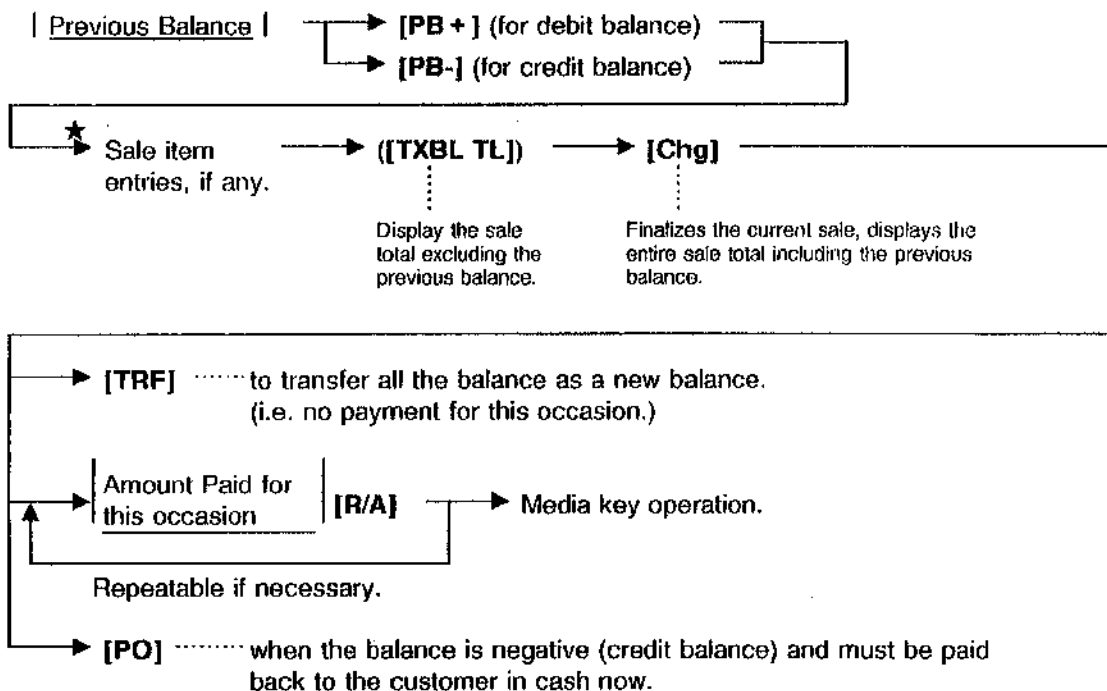
Charge Posting : Previous Balance Manual Entry Type

OPERATION

(1) To initiate charge posting for a new customer

| 0 | [PB+] (or [PB-]) → Follow the line marked with "★" in operation (2) below.

(2) Charge posting with a previous balance first entered (pre-select) with or without PAYMENT



(3) Charge posting with a previous balance entered during a sale (post-select)

A previous balance may be entered not only before sale items but also after or between them if the [Chg] key has not been depressed. Multiple previous balance entries are possible within a sale (for the purpose to sum up multiple accounts into one, etc.)

(4) Percent charge/discount on a previous balance

| Previous Balance | [PB+] → (| Rate |) [%+]

NOTES : 1. The [%-] key operates the same for percent discounting.

2. The previous balance entered through [PB-] (credit balance) will not allow % + or %- operation.

SAMPLE OPERATION CONTENTS	KEY OPERATION	DISPLAY												
		PLU		AMOUNT										
		DPT	RPT	BC	SL	AL	RE	(-)	FS	TX	ST	TL	CG	SH
A customer has come. This customer has a previous balance of \$4.00.	400 [PB +]											4	0	0
Ten items of PLU No. 121	10 [@/FOR] 121 [PLU]	0	1	2	1							5	0	0
All his balance is read.	[Chg]											9	4	5
He will pay \$5.00 in cash.	500 [R/A]											5	0	0
Then the balance was carried forward to the next time.	[AT/TL]											4	4	5

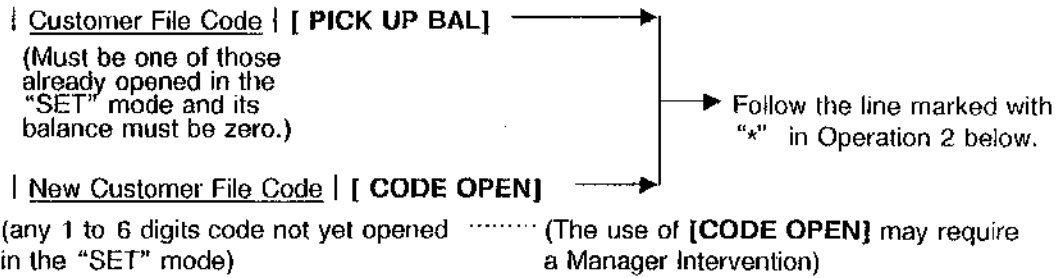
The customer comes again. Then he said he would pay all the previous balance.	445 [PB +]											4	4	5
	[Chg]											4	4	5
	450 [R/A]											4	4	5
	[AT/TL]											4	4	5

PB+	4.00
10X	0.50 @
Tuna Can	5.00TF
TAX	0.45
Chg	9.45
R/A	5.00
CASH	5.00
NEW BAL	4.45
ITEM	10
JONES	0134 15:29TH

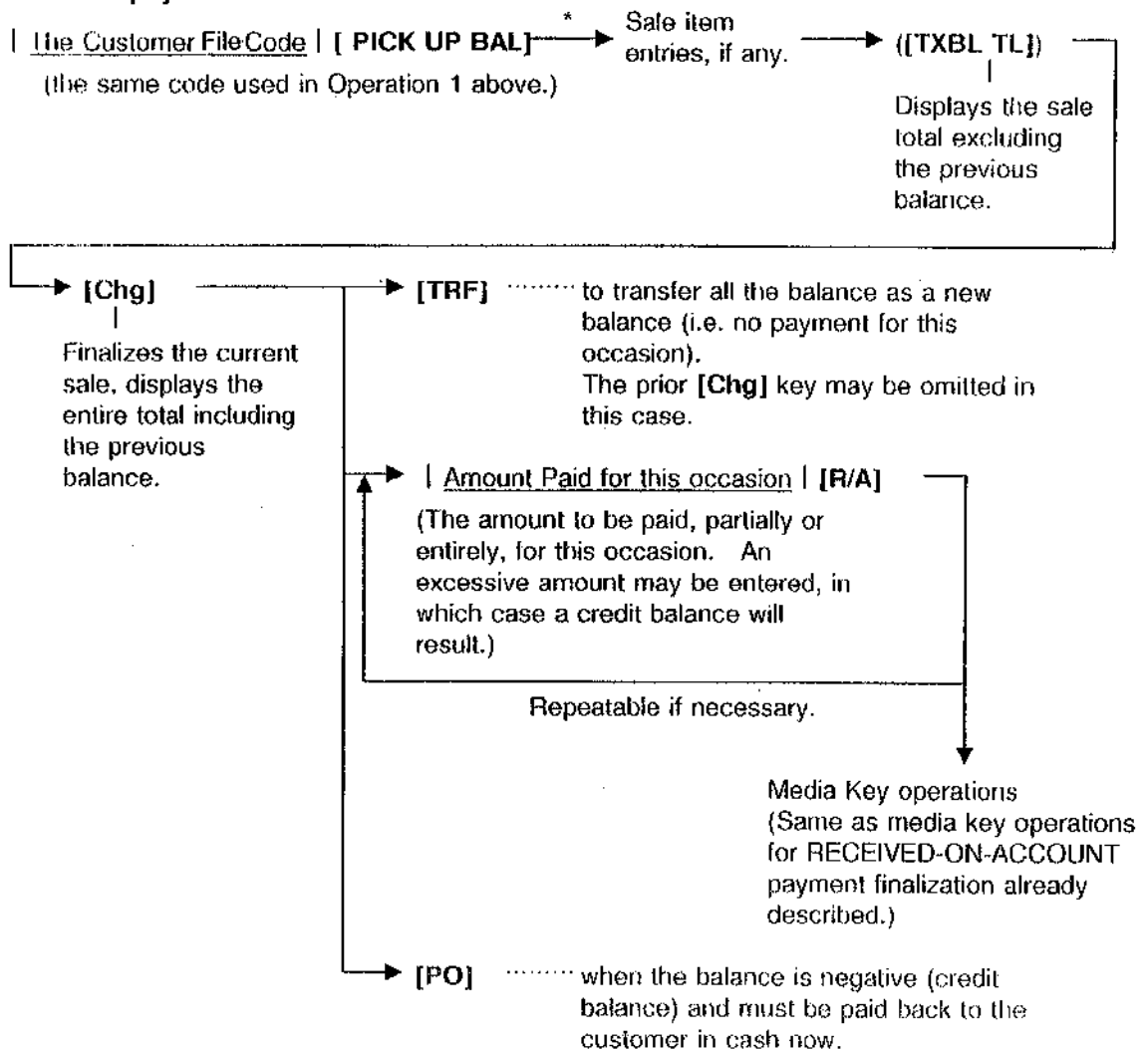
PB+	4.45
Chg	4.45
R/A	4.45
CASH	4.45
NEW BAL	0.00
ITEM	0
JONES	0135 15:32TH

Charge Posting : Customer File Type (Check Track Memory Option)

(1) To initiate charge posting for a new customer



(2) Charge posting with a previous balance first entered (pre-select) with or without payment.



(3) Charge posting with a previous balance entered during a sale (Post-select)

A previous balance recalled through [PICK UP BAL] (or a zero balance by [PICK UP BAL] or [CODE OPEN]) may be entered not only before sale items but also after or between them if the [Chg] key has not been depressed. But, this operation is allowed only once in a sale.

(4) Percent rate addition to a previous balance

| Customer File Code | [PICK UP BAL] → (| Rate |) [% +] → ---

- NOTES :**
1. The [%-] key operates the same for percent discounting.
 2. When the balance recalled is negative (credit balance), neither % + nor %- can be operated.

SAMPLE OPERATION CONTENTS	KEY OPERATION	DISPLAY														
		PLU			AMOUNT											
		DPT	RPT		50	SL	AL	RE	L	PS	IX	ST	TL	CG	SH	TR
<p>A customer who has the customer file No. 105 comes to purchase the following item.</p> <p>\$ 2.00 [DEPT 3]</p> <p>Finalize this sale. She says that she pays \$5.00 in advance, which is more the current balance. She tenders \$2.88 is a credit balance.</p>	105 [PICK UP BAL]													0	0	0
	200 [DEPT 3]													2	0	0
	[Chg]													2	1	2
	500 [R/A]													5	0	0
	[AT/TL]													5	0	0
<p>She comes again to close her account.</p> <p>The previous balance is read.</p> <p>[PO] is depressed to clear the credit balance. The "CHANGE" amount is the cash amount to be refunded to her.</p>	105 [PICK UP BAL]													2	8	8
	[Chg]													2	8	8
	[PO]													2	8	8

```

11-20-90 #3001
#000105 0.00
MEAT 2.00TF
TAX 0.12
Chg 2.12

R/A 5.00
CASH 5.00

NEW BAL -2.88

ITEM 1
JONES 0127 15:24TM
    
```

```

11-20-90 #3001
#000105 -2.88
Chg -2.88

CHANGE 2.88

NEW BAL 0.00

ITEM 0
JONES 0128 15:25TM
    
```


Other Income Entry

Used to enter items which do not directly become sales for the store, such as lottery, postage, gift wrapping fee, size adjustment fee, utility (payment of electricity and gas), and donation.

OPERATION

- | Price | [Other Income Dept] → Sale Finalization
- | Price | [Other Income Dept] [Same Dept] → Sale Finalization
- | Quantity | [X] | Price | [Other Income Dept] → Sale Finalization

-- Receipt Print Sample --

DP 13	25.00
CASH	25.00
ITEM	1
JONES	0136 15:34TH

NOTE : When Other Income Dept is programmed on Dept No.31 or more, refer to the followings.

- The [SHIFT] key must be depressed before the [Other Income Dept] key.
- For the Repeat Entry, the [RPT] key must be depressed instead of the [Same Dept] key.

Bottle Return

OPERATION

- | Bottle Return Amount | [BTL RTN]
- | Quantity | [@/FOR] | Unit Amount | [BTL RTN] ----- Quantity Extension

NOTE : An amount exceeding the sale total cannot be entered unless the "Credit Balance" option is selected.

-- Receipt Print Sample --

BTR	-3.00
-----	-------

Selective Itemizer Total Read

The selective itemizer total is displayed and printed on the journal.

OPERATION

[SI/TL]

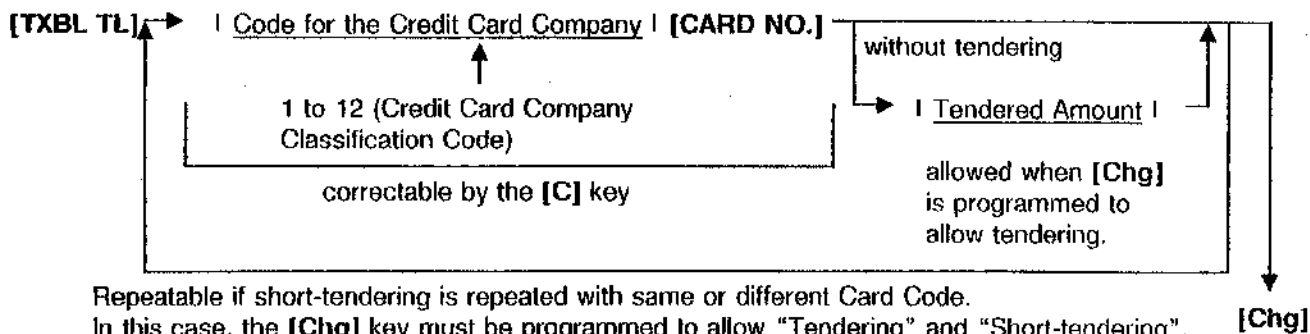
- NOTES :**
1. It may be programmed to print the total on the receipt.
 2. The content of the selective itemizer is cleared with the depression of [SI/TL].
 3. When a preset % rate is programmed on [SI/TL], the amount calculated with the rate is displayed and printed. Whether the calculated amount is added to or subtracted from the subtotal can be programmed.

-- Receipt Print Sample --

SI1 TL	-0.11
TAX	0.35
CASH	6.74
ITEM	3
JONES	0142 15:39TM

Sale Finalization by Credit Card

OPERATION



Repeatable if short-tendering is repeated with same or different Card Code.

In this case, the [Chg] key must be programmed to allow "Tendering" and "Short-tendering".

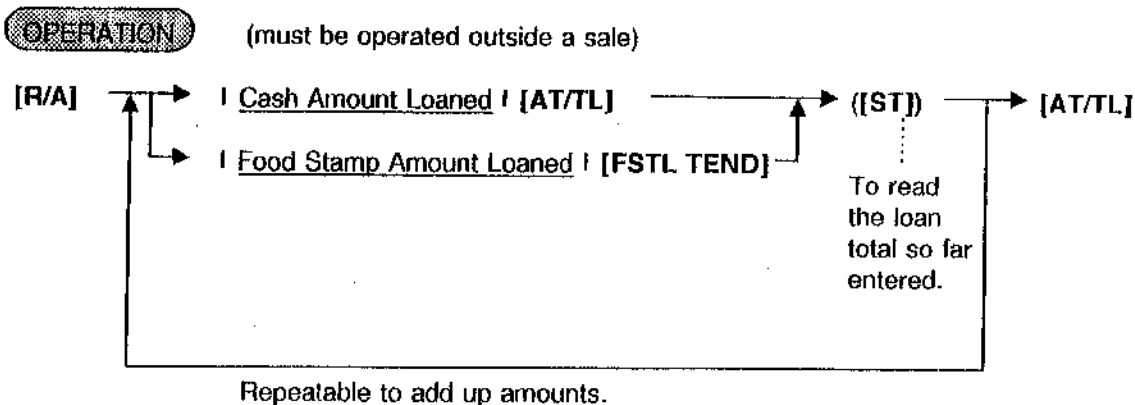
- NOTES :**
1. If the option "[CARD NO.] key compulsory" is selected, the [Chg] key must always be operated with a prior code and [CARD NO.] key entry sequence.
 2. The above sequence from " | Code | " portion up to "[Chg]" key may be used to finalize received-on-account payments if the [Chg] key is programmed to allow received-on-account entries.

-- Receipt Print Sample --

GHI	16.03
-----	-------

Loan

This operation is used to record the cash amount loaned from the store as the charge reserve in the drawer. Food Stamps may also be loaned in this operation.



-- Receipt Print Sample --

```

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
                Call again

11-20-90   #3001

*LOAN      *
CASH       20.00
CASH       10.00
CASH       45.00
CASH       120.00
TOTAL      195.00

JONES     0144 15:42TM
    
```

Scale Entry

OPERATION

(1) Auto Scale Entry

- Through Dept :

[SCALE] | Unit Price | ([SHIFT]) [DEPT]
 max. 6 digits

for the shifted depts.

- Through Preset-PLU :

([SCALE]) | PLU Code | [PLU]

- Through Open-PLU :

([SCALE]) | PLU Code | [PLU] | Unit Price | [AMT]
 max. 6 digits

(2) Auto Scale with Tare

- Through Dept :

| <u>Tare Table No.</u> |	| [TARE] |	| <u>Unit Price</u> |	| ([SHIFT]) |	| [DEPT]
1 to 9		max. 6 digits		
			⋮	
				for the shifted depts.

- Through Preset-PLU :

| <u>Tare Table No.</u> |	| [TARE] |	| <u>PLU Code</u> |	| [PLU]
1 to 9			

- Through Open-PLU :

| <u>Tare Table No.</u> |	| [TARE] |	| <u>PLU Code</u> |	| [PLU] |	| <u>Unit Price</u> |	| [AMT]
1 to 9				max. 6 digits	

- NOTES :**
1. When depressed [TARE] after entered the tare table, the tare weight is automatically subtracted from the scaled weight, and thus only the net weight is processed.
 2. Manual entry of tare weight is not available.

(3) Manual Scale Entry (It may be prohibited by a program option.)

- Through Dept :

| <u>Net Weight</u> |	| [SCALE] |	| <u>Unit Price</u> |	| ([SHIFT]) |	| [DEPT]
1 to 9999		max. 6 digits		
— 1/100LB			⋮	
1 to 99999				for the shifted depts.
— g				

- Through Preset-PLU :

| <u>Net Weight</u> |	| [SCALE] |	| <u>PLU Code</u> |	| [PLU]
1 to 9999			
— 1/100LB			
1 to 99999			
— g			

(4) Return or Void Scale Entry

[RTN MDSE] → (or [VOID])	| <u>Net Weight</u> | [SCALE] | <u>Unit Price</u> | ([SHIFT]) [DEPT]
	1 to 9999 — 1/100LB 1 to 99999 — g
	max. 6 digits for the shifted depts.

-- Receipt Print Sample --

[RTN MDSE] → (or [VOID])	| <u>Net Weight</u> | [SCALE] | <u>PLU Code</u> | [PLU]
	1 to 9999 — 1/100LB 1 to 99999 — g

TEC STORE	
1343 PEACH DRIVE	
PHONE: 87-6437	
Thank you	
Call again	
11-20-90 #3001	
MANUAL	
1.50LB@	2.50/LB
Beef*	3.75TF
MANUAL	
0.90LB@	1.80/LB
Mutton*	1.62TF
MANUAL	
1.00LB@	0.60/LB
Shrimp*	0.60TF
TAX	0.36
ABC	6.33
ITEM	3
JONES	0145 15:44TM

Salesperson Entry (Salesperson Sign-ON)

| Salesperson Code | [SALES PERSON] → -- The name of the person is printed on both the journal and the receipt.
1 to 99

Programmable options relating to Salesperson Entries :

- Salesperson's name non-print on receipt (print on journal only)
- Salesperson Entry compulsory before sale item entries.

-- Receipt Print Sample --

TEC STORE	
1343 PEACH DRIVE	
PHONE: 87-6437	
Thank you	
Call again	
11-20-90	#3001
01 White	
DAIRY	2.50TF
BAKERY	3.00TF
BTL FOOD	1.50TF
Potato Chips	1.50T
TAX	0.51
TOTAL	9.01
MISC	10.00
CHANGE	0.99
ITEM	4
JONES	0146 15:45TM

Endorsement Print

OPERATION

After operating the required non-cash media key (usually the [CHK] key)

Insert the check or the required slip into the Remote Slip Printer.

Enter the Check No. (if unnecessary, the Check No. entry may be omitted.), and then depress [CHECK NO.] key.

- NOTES :**
1. The Check No. entry prior to the [CHECK NO.] key may be programmed to be compulsory.
 2. An endorsement entry is not possible after the received-on-account (RIA) registration. (However, the endorsement entry is available after RIA registration in Charge Posting operations.)

Receipt Print Sample

FRUIT	\$6.50	TF
HEAT	\$4.00	TF
TAX	\$0.78	
TOTAL	\$13.78	
CHECK	\$15.00	
CHANGE	\$1.22	
ITEM	3	
SMITH	0175	15:07TH

Endorsement Print Sample

Printed on Remote Slip Printer

CHECK# 123456789012345
 TEC STORE
 1343 PEACH DRIVE, TORRANCE,
 CALIFORNIA
 TOTAL \$13.78
 #3001 CHECK \$15.00
 2CL 0175 06-07-90 15:07TH

- ← Check No. (max. 15 digits) line
- ← Endorsement Message Lines (max. 3 lines programmable)
- ← Total (may not be printed)
- ← Check Amount Line
- ← Cashier ID, Consecutive No., Date, Time

Endorsement Print

OPERATION

After operating the required non-cash media key (usually the [CHK] key)

Insert the check or the required slip into the Remote Slip Printer.

Enter the Check No. (if unnecessary, the Check No. entry may be omitted.), and then depress [CHECK NO.] key.

NOTE : The Check No. entry prior to the [CHECK NO.] key may be programmed to be compulsory.

Receipt Print Sample

VEGETABLE	\$2.50	TF
FRUIT	\$6.50	TF
MEAT	\$4.00	TF
TAX	\$0.78	
TOTAL	\$13.78	
CHECK	\$15.00	
CHANGE	\$1.22	
ITEM	3	
SMITH	0175	15:07TM

Endorsement Print Sample

Printed on Remote Slip Printer

CHECK# 123456789012345
TEC STORE
 1343 PEACH DRIVE, TORRANCE,
 CALIFORNIA
 TOTAL \$13.78
 #3001 CHECK \$15.00
 2CL 0175 06-07-90 15:07TM

- ← Check No. (max. 15 digits) line
- ← Endorsement Message Lines (max. 3 lines programmable)
- ← Total (may not be printed)
- ← Check Amount Line
- ← Cashier ID, Consecutive No., Date, Time

Remote Slip Printer (hardware option) Operation

The TEC Remote Slip Printer DRS-107 may be connected to the MA-1600 series ECR as an optional device.

1. The remote slip printer will automatically activate printing when the slip has properly been set to the printer table.
2. The gap of the slip inlet is usually opened, and the slip may be inserted or withdrawn freely outside a receipt/journal print sequence.
3. The EJECT key on the DRS-107 may be used to open the closed gap in order to withdraw the slip and skip unnecessary item print. The EJECT key will be disregarded if the slip is set and the ECR receipt/journal printer is in a printing action.
4. Printing on the remote slip printer will be performed alternately with printing on the receipt/journal printer is in a printing action.

RECEIPT PRINT

```

Coke Small-B          $3.60 T
      6X.  0.050
Small-Btl Depot      $0.30
SUBTL                $5.20
Z+
      10%   $0.52
TAX                  $0.65
Chg                  $6.37

ITEM 13
SMITH 0177 15:13TM
  
```

REMOTE SLIP PRINT

```

VEGETABLE           $1.30 TF
Coke Small-B      6X  0.600   $3.60 T
Small-Btl Depot  6X  0.050   $0.30
SUBTL              $5.20
Z+                 10%      $0.52
TAX                $0.65
Chg                $6.37

ITEM 13
06-07-90   #3001   SMITH   0177 15:13TM
  
```

10. POWER FAILURE PROCESS

If a power failure occurs, the sales memory is protected by the back-up battery; registration and printing will normally be performed on regaining the power. However, please note the following cases:

- (1) The printer will work to print the entered data without failure after the power recovery if any data was being printed. However, one extra line may be fed on the power recovery depending on the power failure timing.
- (2) The following are displayed indications on the power recovery :

ECR CONDITION at the time of Power Failure		DISPLAY INDICATION on the Power Recovery
OUTSIDE A SALE.	No Key-in has been operated.	Displays zero. Operations may go on.
	Numeric or Declaration Keys (such as [RTN MDSE], [PR OPEN], etc) have been entered but not motorized keys.	Displays "FAIL". Depress [C] to clear the error condition, and re-start the operation from the numeric or declaration key entry.
DURING A SALE.	No Numeric or Declaration keys have been entered.	Regains the display content that was obtained just before the power failure. The operations may be continued.
	Numeric or Declaration keys have been entered.	Displays "FAIL". Depress [C] to clear the error condition, and re-start the operation from the numeric or declaration key entry.

If a power failure occurs, it is recommended to check the receipt print content before the receipt is handed to the customer.

11. JOURNAL AND RECEIPT PAPER-END DETECTOR

- (1) This detects when either the journal or receipt paper is running out. It is provided to prompt the operator to replace the old paper roll with a new one.
- (2) When the paper roll is running out (or the paper has not been set properly), no key operation is accepted and the AMOUNT portion of the display keeps flickering.
- (3) When a new paper roll is set, only the [RF] and [JF] keys are allowed to operate. Next, when the [C] key is depressed, the display flickering will be cleared and normal key-in operations will be accepted. When any printing has been suspended, it will continue printing.
- (4) If this detector senses a paper-end condition during printing, the printing stops after the current line printing is completed.
- (5) If the [C] key is depressed in the paper-end condition, it is ignored. The [C] key depression will clear the display flickering only after the new paper roll is set.

12. ECR PRINTER MOTOR LOCK DETECTOR

- (1) This detects the printer motor lock condition caused by some trouble, such as paper jamming.
- (2) When such a condition is detected, the front display indicates "Error" and none of the keys (including **[RF]** and **[JF]**) will be accepted.
- (3) To regain the normal condition, turn the power of the ECR to OFF, remove the cause of the motor lock, and then turn the power to ON again.

13. REMOTE SLIP PRINTER MOTOR LOCK DETECTOR

- (1) This detects the remote slip printer motor lock condition caused by some trouble, such as paper jamming.
 - (2) When such a condition is detected, the front display indicates "Error" and none of the keys (including **[RF]** and **[JF]**) will be accepted.
 - (3) To regain the normal condition, turn the powers of the ECR and the remote slip printer to OFF, remove the cause of the motor lock, and then turn the powers to ON again.
- * If the cause cannot be found in the remote slip printer and only the ECR may be required to work temporarily without the remote slip printer, remove the remote printer cable from the ECR, and turn the power of the ECR to ON.

14. PAPER ROLL REPLACEMENT AND OTHER MAINTENANCE OPERATIONS

14.1 INSTALLING THE RECEIPT PAPER

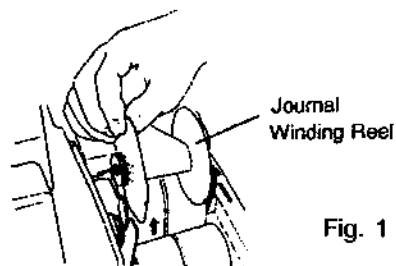


Fig. 1



Fig. 2

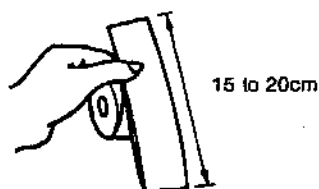


Fig. 3

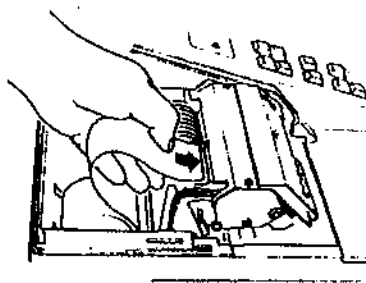


Fig. 4

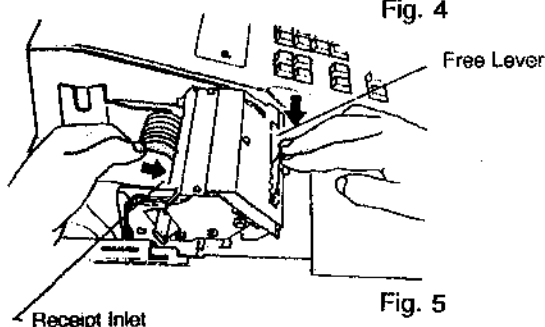


Fig. 5

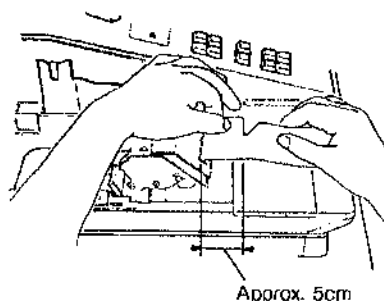


Fig. 6

1. Turn the Mode Lock to the "REG" position with the power ON.
2. Remove the Paper Cover, and remove the Journal Winding Reel (Fig. 1).
3. Hold a new paper roll in the direction shown in Fig. 2 so that the paper end will be fed from the bottom.
4. Fold the paper end as shown in Fig. 3 to ease the insertion.
5. Place the paper roll in the outer holder of the two roll holders (Fig. 4).
6. Insert the paper end into the Receipt Inlet, feed the paper in while pressing down the Free Lever (or feed the paper in while pressing the [RF] key). (Fig. 5)
7. When the whole folded portion has come out, tear off the unnecessary part with an appropriate end length remaining (approx. 5 cm or 2 inches). (Fig. 6)
8. Go on to INSTALLING THE JOURNAL PAPER steps if necessary, or go on to Step 9 below if not.
9. Attach the Paper Cover. Please note the paper end must be seen outside the cover.
10. Press the [C] key to clear the paper-end condition, and depress the [NS] key to issue a receipt to check if the paper has been properly set.

NOTE: The [RF] or [JF] keys function only when both receipt and journal paper rolls have been placed in their respective holders.

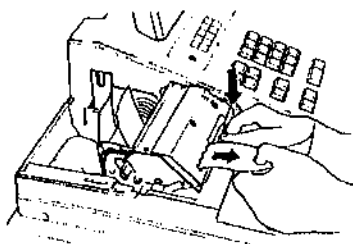


Fig. 7

14.2 REMOVING THE RECEIPT PAPER

1. Remove the Paper Cover.
2. Tear the paper end off the paper core, pull the paper end out while depressing the Free Lever. (Fig. 7)
3. Remove the paper core.

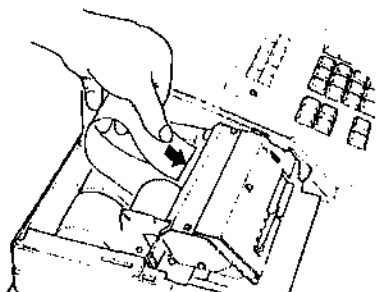


Fig. 8

14.3 INSTALLING THE JOURNAL PAPER

1. Turn the Mode Lock to the "REG" position with the power on.
2. Remove the Paper Cover by pulling it upward, and remove the Journal Winding Reel. (Fig. 1)
3. Follow Steps 3 and 4 of INSTALLING THE RECEIPT PAPER procedure on the previous page.
4. Place the paper roll in the inner roll holder of the two holders. (Fig. 8)
5. Insert the paper end into the Journal Inlet, feed the paper in while pressing down the Free Lever (or feed the paper in while pressing the [JF] key). (Fig. 9)
6. When a sufficient amount of paper comes out, wind the paper around the Journal Winding Reel two or three times, and set the Journal Winding Reel into the Reel Holder. (Fig. 10)
7. Attach the Paper Cover.
8. Press the [C] key before starting operation.

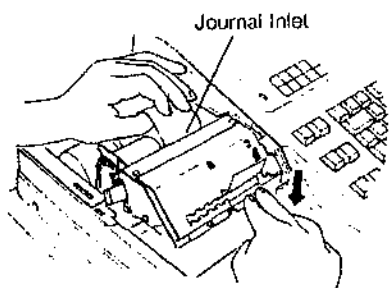


Fig. 9

14.4 REMOVING THE JOURNAL PAPER

1. Remove the Paper Cover.
2. Press the [JF] key to wind up enough of the journal paper, and then tear off the paper, holding the Journal Winding Reel.
3. The wound-up portion of the paper can easily be removed from the Reel by pulling it sideways. (Fig. 11)
4. If enough paper remains on the roll, follow Steps 6 through 8 above; if the paper is running out, follow Steps 1 through 8 above.

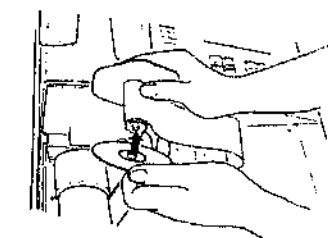


Fig. 10

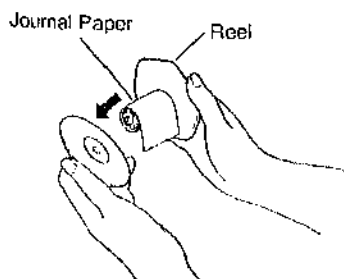


Fig. 11

NOTE: The [JF] or [RF] keys function only when both journal and receipt rolls have been placed in their respective holders.

14.5 REPLACING THE RIBBON CARTRIDGE

When the receipt and journal print is too light, replace the Ribbon Cartridge in the following manner:

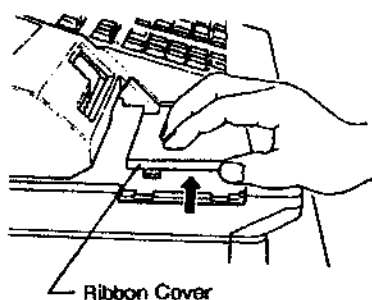


Fig. 1

1. Remove the Ribbon Cover (Fig. 1).
2. Remove the old Ribbon Cartridge by pulling it toward you (Fig. 2).
3. Install a new Ribbon Cartridge in the reverse order to Step 2 above (Fig. 3).
4. The Ribbon Cartridge is a consumable product. Be certain to use a genuine Ribbon Cartridge supplied by your TEC representative.

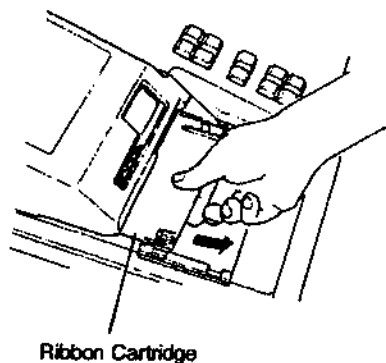


Fig. 2

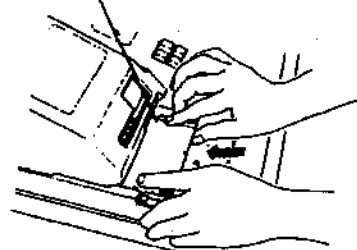


Fig. 3

14.6 REPLENISHING THE STORE NAME STAMP WITH INK

When the store name stamp is printed too lightly, replenish the ink in the following manner:

1. Turn the Power Switch to OFF. Remove the Paper Cover.
2. Withdraw the store name stamp with the protruding part pinched between your fingers (Fig. 4).
3. Apply ink to the pad on the rear side of the Store Name Stamp. The amount applied should be adjusted according to the desired darkness of the printed message, but the limit of 2 cc should not be exceeded. (The ink bottle supplied contains 5 cc of ink.) (Fig. 5)
4. Follow the reverse order of the instructions in Step 2, and then attach the cover.

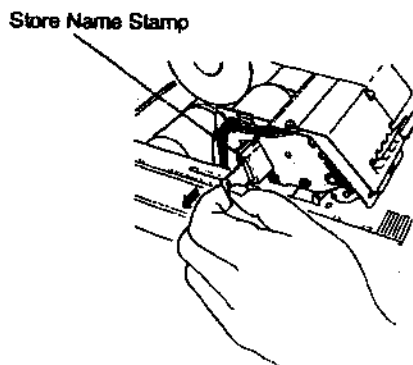


Fig. 4

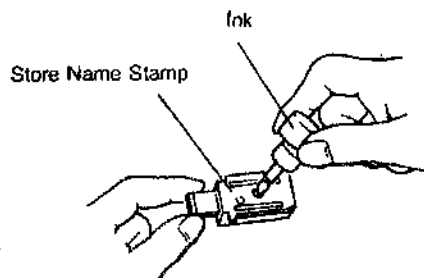


Fig. 5

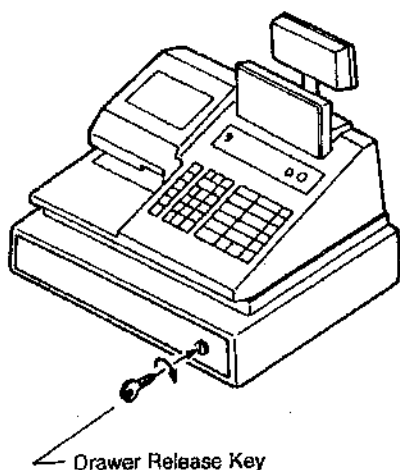


Fig. 1

14.7 MANUAL DRAWER RELEASING

The drawer opens automatically when a registration is performed. In the event of a power failure or other trouble, the drawer can be opened manually in the following manner:

1. Insert the Drawer Release Key into the drawer release lock and turn the key clockwise. The drawer will then open. (Fig. 1)
2. The Drawer Release Key can be taken out by returning it to the original position.
3. When the drawer is closed, it is automatically locked and will not open without the Drawer Release Key or a normal registering operation.

14.8 REMOVING THE DRAWER

1. Pull the drawer out, and when it stops at the stopper, lift the drawer up and pull it further out (Fig. 2). When it stops again at the roller fixed in the drawer housing, lift it and pull it out (Fig. 3).
2. To return the drawer, follow the reverse procedure for removing.

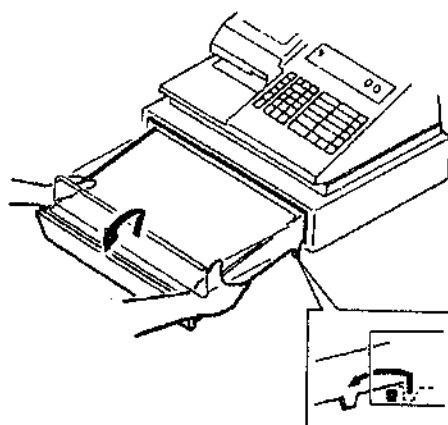


Fig. 2

14.9 CDC (Cash Drawer Cover) LOCK

Locking (Fig. 4)

1. Push the Cash Drawer Cover to the back of the drawer.
2. Press the cover lightly, insert the key into the key-hole on the cover, and turn it to lock.

Unlocking

1. Unlock the cover using the key, and lift the front end.

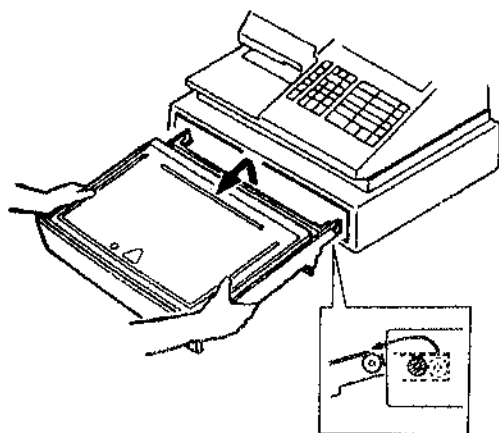


Fig. 3

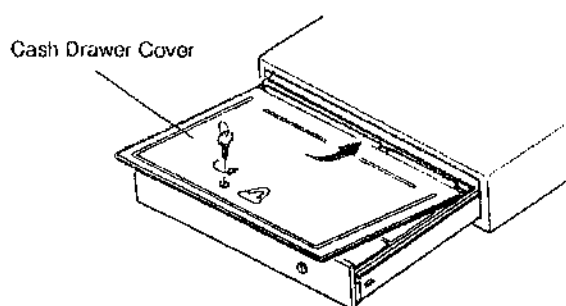


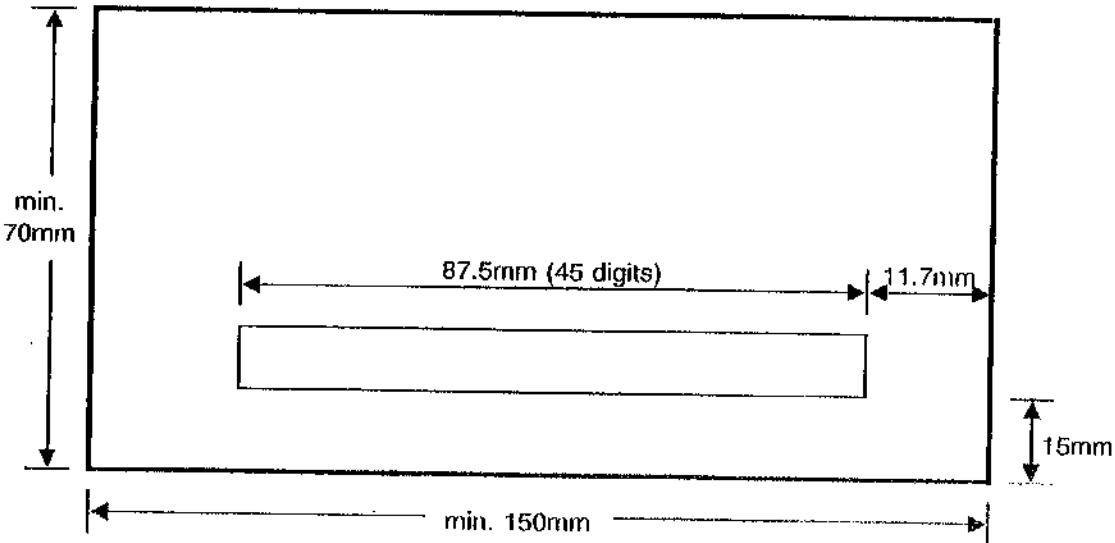
Fig. 4

15. SPECIFICATIONS

Size	460mm (width) x 400mm (depth) x 281mm (height) (height including rubber feet) (or 305mm-height when Customer Display is popped up.)
Weight	17.5kg
Power Required	AC100V, 110V, 117V, 220V, 240V; 50/60Hz (varies depending on the destination)
Power Consumed	0.7A (117V)
Ambient Temperature	0°C to 40°C
Relative Humidity	10% to 90%
Size of Receipt and Journal Tape ..	45mm (width) x 80mm (diameter)

VALIDATION SLIP SPECIFICATIONS

Type of Paper	Non-carbon Paper, or Ordinary Paper + Carbon Sheet
Thickness	0.06mm to 0.2mm (total thickness)
Max. Number of Duplicates	2 sheets (including the original sheet)
Size of Slip	Min. 150mm (width) x min. 70mm (height)



MANAGER'S GUIDE

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1. MANAGER INTERVENTION

1.1 ITEM PROGRAMMED TO REQUIRE MANAGER INTERVENTIONS

During daily sale entry operations, the cashier may call for Manager Interventions. The following is the operation flow of a Manager Intervention.

- (1) During operations, the cashier comes across an item that requires a Manager Intervention. The cashier, already informed of it, may immediately call for a Manager Intervention. Or the cashier, without knowing of it, attempts the operation and error results, clears the error by the **[C]** key, and then calls for a Manager Intervention.



- (2) You go to the cashier counter with the **MGR** or **MA** key.



- (3) The cashier explains what kind of operation is attempted, and removes the **REG** key from the Mode Lock at the "REG" position.



- (4) You insert the **MGR** or **MA** key and turns it to the "MGR" position.



- (5) The cashier operates the required item.



- (6) The manager returns the **MGR** or **MA** key to the "REG" position and pulls it out.



- (7) The cashier sets the **REG** key to the "REG" position again and continues registering operations.

The following are the tables of the keys and operations that are programmable with Manager Intervention. Fill in the table by marking in the "Not Required" or "Required" column of each item, referring to the documents, etc. listed in the table.

Table 1: KEYS AND MANAGER INTERVENTION STATUS

KEY	Manager Intervention		Reference
	Not required	Required	
[DOLL DISC]			Ask your TEC representative as to information or changes of KEY STATUSES.
[VND CPN]			
[STR CPN]			
[BTL RTN]			
[% +] (or [% I])			
[% -] (or [% II])			
[RTN MDSE]			
[VOID]			
[PO]			
[PB-] or [CODE OPEN]			
[EX]			
[ALL VOID]			

Table 2: OPERATIONS AND MANAGER INTERVENTION STATUS

OPERATION	Manager Intervention		Reference
	Not required	Required	
Negative-balance Sale Finalization by Media Keys except [AT/TL] or [FSTL TEND]			Ask your TEC representative as to information or changes of PROGRAM OPTIONS.
Negative Department or negative PLU Entries			

1.2 LISTING CAPACITY OR AMOUNT LIMIT RELEASE BY MANAGER INTERVENTION

Listing Capacities (LC) or Amount Limits may be programmed on Departments/PLUs, Tender Medias, [DOLL DISC], [VND CPN], [STR CPN], [BTL RTN]. These LC's and limits are programmed to check an excessively high or low amount entry by cashier's mistake at the earliest stage. The procedure of operators and Manager Intervention for LC release is same as described in 1.1.

2. MANAGER'S OWN OPERATIONS IN "MGR" MODE

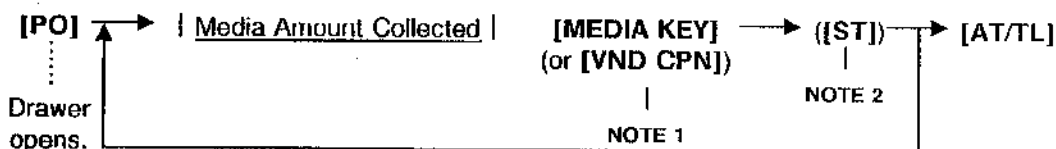
The following are operations possible only in the "MGR" position of the Mode Lock, which are performed by the manager or by a person under the manager's control.

2.1 PICK UP OPERATION

This operation is used when you collect money from the ECR drawer, during the day, for the banking purpose, etc. In order to record the money amounts collected and to subtract the amounts from the in-drawer Totals memory, this operation is necessary.

CONDITION Any time outside a sale (Sign-ON or Cashier Key ON is required.)

OPERATION Mode Lock: **MGR** / GT Lock: Neutral



Repeat until all the collected media amounts are recorded.

NOTE 1: Depress the media keys or the [VND CPN] key corresponding to the collected media ([AT/TL] for cash). The media keys that can be operated here are those programmed to printed their medias-in-drawer amounts in reports.

NOTE 2: Depress [ST], if necessary, to obtain the subtotal amount of the medias so far collected.

-- Receipt Print Sample --

TEC STORE	
1343 PEACH DRIVE	
PHONE: 87-6437	
Thank you	
Call again	
11-20-90	#3001
PICK UP	
CASH	300.00
TOTAL	300.00
JONES	0169 16:35TM

2.2 TRAINING MODE START AND END

When you have newly employed cashiers, you may provide the opportunities for them to train their skills of operating the MA-1600. You are to start and end the Training Mode. Once entering the Training Mode, a cashier may operate just as ordinary sale entry operations. The data in the Training Mode are processed into Training Mode Total memory but not affect any actual sales data in business.

CONDITION

Outside a sale, in Cashier Signed-OFF condition (or no Cashier Keys to ON status)

OPERATION FOR TRAINING MODES START

Mode Lock: **MGR** / GT Lock: Neutral

| Programmed Training Mode Sign-ON/OFF Code | [#]

01 to 99 (must be a 2-digit value)

↓ (The Mode Lock may be turned to the "REG" position now.)

Registering operations are allowed by the trainees:

- No Cashier Sign-ONs are necessary. (The Training Mode Start itself is a kind of sign-ON.)
- All registering operations are possible in the Training Mode except:
 - 1) The drawer will not open.
 - 2) The Consecutive No. on the receipt will not be increased.
 - 3) Customer File entries (under Check Track Memory option) are not accepted.
 - 4) Print occurs on receipt and journal with the Training Header message.

↓

OPERATION FOR TRAINING MODE END

Operate the same as the TRAINING MODE START.

Now the register is in a Signed-OFF condition. You may turn the Mode Lock to any position for its corresponding operations. To start sale entries, a cashier's sign-ON or a Cashier Key to ON status is again necessary.

NOTE : *When operated Validation or Endorsement print in this mode, the printing action will take place, but nothing will be printed.*

-- Refer to the sample receipts relating to the Training Mode, on the next page. --

Training Start (Training Sign-ON) Receipt

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

TRAINING
ON

0172 16:37TM

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

TRAINING

VEGETABLE 2.50TF

MANUAL

2.00LB@ 0.60/LB

Shrimp* 1.20TF

TAX 0.22

CASH 3.92

ITEM 2

TRAINING

0172 16:37TM

A receipt issued in
 the Training Mode
 (Operations are allowed in the
 "REG" or "MGR" mode, but not in
 the "☐" mode.)

Registering Contents

Training End (Training Sign-OFF) Receipt

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

TRAINING
OFF

0172 16:38TM

3. OPERATIONS IN "☐" MODE

Instead of using the [RTN MDSE] or [VOID] keys in the "REG" or "MGR" mode for deleting individual items, the "☐" mode automatically processes positive items into negative and negative into positive. To operate, turn the Mode Lock to the "☐" position using the MA key, and enter the items, one by one, just as in the "REG" mode, as reading the sale receipt (issued at the time of the purchase) or tracing the returned items as if in the "REG" mode. A positive balance resulted in the "☐" mode indicates the amount to be paid back to the customer.

The "☐" mode operation may occur from time to time during day, on the cashier's request, just as in the case of ordinary Manager Interventions, when a customer comes to the cashier counter to return or cancel all the items that he once purchased. In using this mode, please be certain to read the following three cases of operation patterns. If you only turn the Mode Lock to the "☐" position and let the cashier operate the actual item entries in this mode, you should also inform the cashier of these three cases.

3.1 ORDINARY OPERATIONS IN "☐" MODE

Except those described in the next sections 3.2 and 3.3, all the sale items that were entered in "REG" or "MGR" at the time of purchase may be entered in the "☐" mode in the same way as operated at the time of purchase.

OPERATION AND RECEIPT SAMPLE

RECEIPT ISSUED IN "REG" or "MGR" MODE

TEC STORE	
1343 PEACH DRIVE	
PHONE: 87-6437	
Thank you	
Call again	
11-20-90	#3001
DAIRY	3.50TF
3X	0.40/ 3
APPLE	0.40TF
Z-	
5%	-0.02
TAX	0.23
CASH	4.11
ITEM 4	
JONES	0174 16:39TM

These two receipts contain the same sale items and media finalization. The operations are also the same except the Mode Lock position.

The cashier merely follows the purchase receipt (on the left) and enters the same items in the ☐ position, finalizing with the same media, in case a customer has returned or canceled the entire sale after the cashier had finalized that sale.

The ☐ mode header ("REG" in this example) is printed at the top and bottom of the sale contents in the ☐ mode receipt.

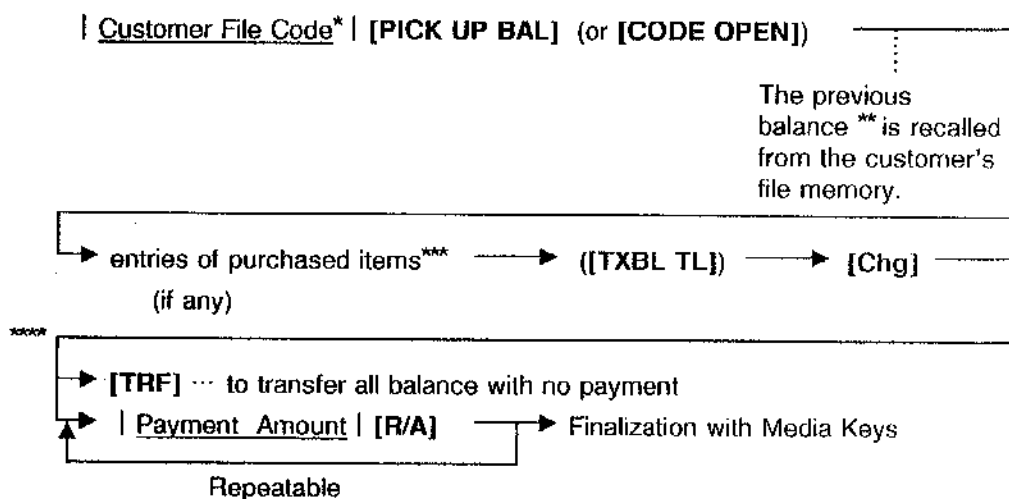
RECEIPT ISSUED IN "☐" MODE

TEC STORE	
1343 PEACH DRIVE	
PHONE: 87-6437	
Thank you	
Call again	
11-20-90	#3001
*REG-	*
DAIRY	3.50TF
3X	0.40/ 3
APPLE	0.40TF
Z-	
5%	-0.02
TAX	0.23
CASH	4.11
ITEM 4	
*REG-	*
JONES	0175 16:40TM

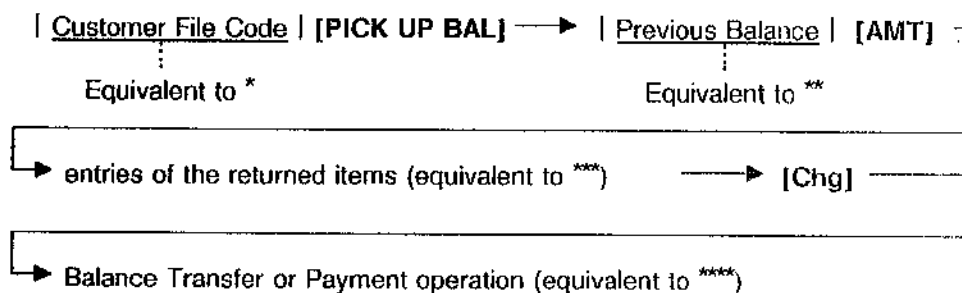
3.2 CHARGE POSTING WITH CUSTOMER FILE (CHECK TRACK MEMORY) IN "E" MODE

When your register adopts the Customer File Memory type (instead of the PB Manual Entry type), the previous balance entry is different from that operated in the "REG" or "MGR" mode. Due to the memory process, this special operation is required. In case a customer cancels the entire sale once purchased in the charge posting mode, please be certain to operate as instructed below.

- (1) Operation in "REG" or "MGR" mode (at the purchase; refer to the OPERATOR'S GUIDE.)



- (2) Operation in "E" mode (at the cancel or return of the above sale)



NOTE: Only the previous balance that was automatically recalled from memory in the "REG" or "MGR" mode must be entered manually through the [AMT] key in the "E" mode. Other operations are identical to those operated in the "REG" or "MGR" mode. (Such items as % + and %- are also operated the same as entered at the time of purchase.)

-- Refer to the operation sample on the next page. --

RECEIPT AT PURCHASE

RECEIPT AT RETURN

Mode Lock:
REG or MGR

Mode Lock:

```

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
                Call again

11-20-90  #3001
#000003    4.59
VEGETABLE  6.00TF
%-
          10%   -0.60
TAX        0.36
Chg        10.35
NEW BAL    10.35

ITEM 1
JONES 0187 17:00TM
    
```

```

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
                Call again

11-20-90  #3001
*REG-          *
#000003    4.59
VEGETABLE  6.00TF
%-
          10%   -0.60
TAX        0.36
Chg        10.35
NEW BAL    10.35
NEW BAL     4.59

ITEM 1
*REG-          *
JONES 0188 17:01TM
    
```

3 (Cus. File Code) [PICK UP BAL]
600 [DEPT 1]
10 [% -]
[Chg]
[TRF]

3 (Cus. File Code) [PICK UP BAL]
459 [AMT]
Operated exactly the same as operated at purchase.
The final new balance after correction in this operation.

As shown in the sample above, the previous balance \$4.59 is entered manually through the [AMT] key on the righthand side receipt, while the same previous balance is automatically recalled by merely designating the Customer File Code through the [PICK UP BAL] key on the lefthand side receipt.

The print formats in both receipts are designed to be the same from Customer File Code down to the "NEW BAL" amount (resulting balance at the time of purchase.), except that the final new balance at the time of return is additionally printed (which will be the same amount of the balance before the purchase) and the mode header is printed on the righthand side receipt.

3.3 SCALE ITEM ENTRY IN "☐" MODE

Any scale item entered in the "REG" or "MGR" mode at the time of purchase must be entered manually (Manual Scale Entry but not Auto Scale) in the "☐" mode at the time of return or cancel.

That is, for entering a scale item (once purchased) in the "☐" mode, you must read the written net weight on the item (if any) or read the net weight in the scale display panel by placing it on the scale platter, then enter the net weight value, manually in the procedure described as Manual Scale Entry operation in the OPERATOR'S GUIDE.

3.4 AMOUNT LIMIT RELEASE IN "☐" MODE

Amount limits programmed on [DOLL DISC], [VND CPN], [STR CPN], and [BTL RTN] may be released in the "☐" mode, i.e. the same handling as in the "MGR" mode.

4. READ (X) AND RESET (Z) REPORTS

The following table shows the key operation to take each report. The "X" and "Z" reports have exactly the same print content if both are available, except that:

1. The "X" reports allow to read the sales data but not clear memories, while the "Z" reports allow to read the sales data and at the same time all the resettable memories will be cleared when the reports have been issued.
2. The symbol "Xnn" is printed on the top line of an "X" report, while "Znn" is printed on a "Z" report. ("nn" is the Report No.)
3. A reset count is printed on the bottom of a "Z" report only.

TABLE OF OPERATIONS FOR X AND Z REPORTS

Daily Reports (GT Lock: Neutral Position)

REPORT HEADER	REPORT NAME	MODE LOCK	KEY OPERATION	SAMPLE PAGE
X03 Z03	FINANCIAL READ AND RESET • Financial Read • Financial Reset	X Z	3 [AT/TL] (Drawer opens.)	16
X04 Z04	CASHIER READ AND RESET • Individual Cashier Read • Individual Cashier Reset	X Z	With CASHIER SIGNING Method: | Cashier ID Code | [LOG] (2-digit manager-assign code) With CASHIER KEY Method: Set the Cashier Key of the required cashier, 4 [AT/TL]. (Drawer opens.)	19
X05 Z05	SALESPERSON READ AND RESET • All Salesperson Read • All Salesperson Reset	X Z	5 [AT/TL]	20
X06	CREDIT CARD COMPANY SALES READ	X	6 [AT/TL]	20
X07	DEPARTMENT GROSS PROFIT READ	X	7 [AT/TL]	21
X08	DEPARTMENT GROUP READ	X	8 [AT/TL]	21
X09	MEDIA SALES AND IN-DRAWER TOTAL READ	X	9 [AT/TL] (Drawer opens.)	22
X10 Z10	HOURLY RANGE READ AND RESET • Hourly Read • Hourly Reset	X Z	10 [AT/TL]	22

-- To be continued --

REPORT HEADER	REPORT NAME	MODE LOCK	KEY OPERATION	SAMPLE PAGE	
X11	DEPARTMENT READ AND RESET <ul style="list-style-type: none"> Individual Department Read 	X	Depress the required Dept Keys , one by one, [ST] may be used to obtain sub-total, [AT/TL] to end.]11 [AT/TL] (Drawer opens.)	23	
X11	<ul style="list-style-type: none"> All department Read 	X			
Z11	<ul style="list-style-type: none"> All department Reset 	Z		24	
X12	ALL MEDIA SALES TOTAL AND CASH-IN-DRAWER READ	X	[#] (Drawer opens)	20	
X13	PLU READ AND RESET <ul style="list-style-type: none"> Zone PLU Read 	X	Zone- start PLU Code | [@/FOR] | Zone-end PLU Code | [PLU]	26	
Z13	<ul style="list-style-type: none"> Zone PLU Reset 	Z			
X13	<ul style="list-style-type: none"> All PLU Read 	X	] [PLU]	26
Z13	<ul style="list-style-type: none"> All PLU Reset 	Z			
X14	PLU STOCK READ <ul style="list-style-type: none"> Zone PLU Stock 	X	Followed by operation of [STOCK] → Zone PLU Read	27	
	<ul style="list-style-type: none"> All PLU Stock 	X	[STOCK] → All PLU Read	27	
X15	CUSTOMER FILE READ (for Check Track Memory type only) <ul style="list-style-type: none"> All Files Individual File 	X	[PICK UP BAL] | Customer File Code | [PICK UP BAL]	28	
	<ul style="list-style-type: none"> Zero-balance Files 	X		0 [CODE OPEN]	28
	<ul style="list-style-type: none"> Debit-balance Files 	X		1 [CODE OPEN]	29
	<ul style="list-style-type: none"> Credit-balance Files 	X		2 [CODE OPEN]	29
X20	Inactive PLU Read	X		0 [#] → [PLU]	29

-- To be continued --

REPORT HEADER	REPORT NAME	MODE LOCK	KEY OPERATION	SAMPLE PAGE
	DEPARTMENT AND PLU ABC ANALYSIS READ			
X21	<ul style="list-style-type: none"> Best Selling Departments in Quantity 	X	1 [#] ( | <u>Ending Rank No.</u> | ) [AT/TL]	30
X21	<ul style="list-style-type: none"> Best Selling PLUs in Quantity 	X	1 [#] → ([[SHIFT]) [DEPT]] → (<u>Ending Rank No.</u>) [PLU]	30
X22	<ul style="list-style-type: none"> Worst Selling Departments in Quantity 	X	3 [#] ( | <u>Ending Rank No.</u> | ) [AT/TL]	31
X22	<ul style="list-style-type: none"> Worst Selling PLUs in Quantity 	X	3 [#] → ([[SHIFT]) [DEPT]] → (<u>Ending Rank No.</u>) [PLU]	31
X23	<ul style="list-style-type: none"> Best Selling Departments in Amount 	X	2 [#] ( | <u>Ending Rank No.</u> | ) [AT/TL]	30
	<ul style="list-style-type: none"> Best Selling PLUs in Amount 	X	2 [#] → ([[SHIFT]) [DEPT]] → (<u>Ending Rank No.</u>) [PLU]	30
X24	<ul style="list-style-type: none"> Worst Selling Departments in Amount 	X	4 [#] ( | <u>Ending Rank No.</u> | ) [AT/TL]	31
X24	<ul style="list-style-type: none"> Worst Selling PLUs in Amount 	X	4 [#] → ([[SHIFT]) [DEPT]] → (<u>Ending Rank No.</u>) [PLU]	31

GT Reports — to be taken on weekly or monthly basis ---

(Mode Lock: any position)

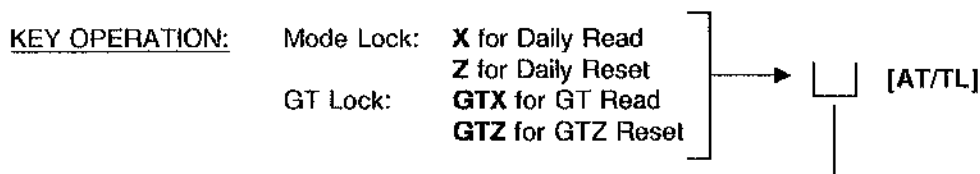
REPORT HEADER	REPORT NAME	GT LOCK	KEY OPERATION	SAMPLE PAGE
	(Except the Mode Lock and GT Lock positions, the key operations for each report is the same as its corresponding daily report, except for Cashier Reports.)			32
GTX03 GTZ03	FINANCIAL GT READ AND RESET <ul style="list-style-type: none"> • Financial GT Read • Financial GT Reset 	GTX GTZ	3 [AT/TL] (Drawer opens)	32
GTX04 GTZ04	CASHIER GT READ AND RESET <ul style="list-style-type: none"> • All Cashier GT Read • All Cashier GT Reset 	GTX GTZ	4 [AT/TL] (Drawer opens)	32
GTX06	CREDIT CARD COMPANY SALES GT READ	GTX	6 [AT/TL]	32
GTX07	DEPARTMENT GROSS PROFIT GT READ	GTX	7 [AT/TL]	32
GTX08	DEPARTMENT GROUP GT READ	GTX	8 [AT/TL]	32
GTX11 GTZ11	DEPARTMENT GT READ AND RESET <ul style="list-style-type: none"> • All Department GT Read • All Department GT Reset 	GTX GTZ	11 [AT/TL]	32
GTX21	DEPARTMENT AND PLU ABC ANALYSIS GT READ <ul style="list-style-type: none"> • Best Selling Departments in Quantity 	GTX	Same as its daily report.	32
GTX22	<ul style="list-style-type: none"> • Worst Selling Departments in Quantity 	GTX	Same as its daily report.	
GTX23	<ul style="list-style-type: none"> • Best Selling Departments in Amount 	GTX	Same as its daily report.	
GTX24	<ul style="list-style-type: none"> • Worst Selling Departments in Amount 	GTX	Same as is daily report	

Combination Reports

Multiple reports can be programmed to be issued in one operation sequence. The following are reports programmable for combinations (max. 5 reports in one table, max. 3 tables).

Please inquire this report programming of your TEC representative.

REPORT NO.	REPORT NAME	AVAILABLE MODE			
3	Financial Report	X,	Z,	GTX,	GTZ
4	All Cashier Report (GT only)			GTX,	GTZ
5	All Salesperson Report	X,	Z,		
6	Credit Company Sales Report	X,		GTX	
7	Department Gross Profit Report	X,		GTX	
8	Department Group Report	X,		GTX	
9	Media Sales and In-drawer Report	X,			
10	Hourly Range Report	X,	Z,		
11	All Department Report	X,	Z,	GTX,	GTZ



Enter the Report Combination-ID No.:

- None (simply depress **[AT/TL]**): Combination Report Table No. 1
- 1: Combination Report Table No. 2
- 2: Combination Report Table No. 3

NOTE: When the mode set for taking combination reports does not match the mode of a report contained in the table, that report will be skipped.

If no combination reports data have been programmed, Combination Report Table No. 1 (which is issued by depressing the **[AT/TL]** key alone) is auto-preset with Report No. 11 (All Depts) and Report 3 (Financial). It will be active as Table No. 1 content unless no data are programmed for Table No. 1.

The report output order is determined by the order programmed in each table.

The drawer will open when a contained report is ruled to open the drawer.

GENERAL NOTES ON REPORT TAKINGS

1. In the CASHIER KEY Method, no Cashier Keys are necessary to issue reports except Individual Cashier Read or Reset Reports (daily).
2. In the CASHIER SIGNING Method, the cashier signed-OFF condition is required for taking any X or Z reports. (Otherwise, an error will result when the Mode Lock is turned to the "X" or "Z" position or when the GT Lock is turned to the "GTX" or "GTZ" position.)
3. Reset reports will be printed on the receipt roll as well as on journal, and issued, regardless of the **[RECEIPT ON/OFF]** switch position.
4. The **[ITEM CORR]** key may be depressed halfway during printing a report, for the purpose to abort the receipt issuance (except for some short reports). When a report-abort has been operated for a reset report, the memory of the report data will not be cleared.
5. The drawer will open at the starting of printing the reports which are stated with "(Drawer opens)" in the Daily and GT report table. However, the drawer may remain closed if so selected by a program option.
6. The sales data of the following read reports will be cleared when the relevant reset reports are cleared. If those read reports are necessary, please be certain to take them before the relevant reset reports are taken:

FINANCIAL READ AND RESET

Mode Lock: X for read]
 Mode Lock: Z for reset] Enter 3, depress [AT/TL]

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 (call again)

11-20-90 #3001

X03

GT 403.23
NET GT 345.32
TRAINING 7.84
GS 273 403.23
Z+ 0 0.00
TAX1 17.71
TAX2 2.53
TAX4 0.50
NS 248 339.34
Z- 1 0.41
V.CPN 2 15.00
DISC 1 0.50
BTR 1 3.00
TOTAL 53CU 345.32
CASH 25CU 122.74
CHECK 3CU 30.60

Grand Total
 Net GT
 Training Mode Gross Sale
 Gross Sale Item Count
 " " " Amount
 Percent Charge Count
 " " " Amount (on Subtotal and Line Items)
 Tax 1 Amount
 Tax 2 Amount
 Manual Tax Amount
 Net Sale With Tax
 Item Count, Amount
 Percent Discount Count] on Subtotal
 " " Amount
 Vendor Coupon Count
 " " Amount
 Dollar Discount Count] on Subtotal
 " " Amount
 Bottle Return Item Count
 " " Amount
 All-media Sales Customer Count / Amount
 Cash Sales Customer Count / Amount
 Check Sales Customer Count / Amount

-- To be continued --

FINANCIAL READ AND RESET

-- Continued --

Chg	14CU	Charge Sales Customer Count / Amount	
	96.31		
MISC	2CU	Misc. Sales Customer Count / Amount	
	19.37		
CPN	3CU	Media - Coupon Sales Customer Count / Amount	
	15.00		
FS TL	1CU	Food Stamp Sales Customer Count / Amount	
	36.14		
R/A	2	Received-on-Account Count	
	8.00	" Amount	
PO	2	Paid-Out Count	
	6.00	" Amount	
LOAN	395.00	Loan Amount	
PICK UP	1	Pick Up Amount	
	300.00		
CASH ID	142.35	Cash-in-drawer Amount	
CHECK ID	5	Check-in-drawer Count	
	60.00	" Amount	
MISC ID	2	Misc-in-drawer Count	
	25.00	" Amount	
CPN ID	3	Media-Coupon-in-drawer Count	
	15.00	" Amount	
FSID	5	Food Stamp-in-drawer Count	
	37.00	" " Amount	
FS CB	0.86	Food Stamp Change Amount	
CORR	1	Item Correct Count	
	1.35	" " Amount	
VOID	1	Void Count	
	1.50	" Amount	
MISC VD	0	Misc. Void Count	
	0.00	" Amount	
ALL VD	2	AllVoid Count	
	44.45	" Amount	
Z-	1	Percent Discount Count	] on Line Items
	0.60	" " Amount	
S.CPN	1	Store Coupon Item Count	
	2.00	" " Amount	
RTN	1	Returned Merchandise Item Count	
	3.50	" " Amount	
-TAX	0.00	Negative Tax Amount	
REG-	2	Negative Mode (E) Count	
	10.49	Total Amount	

-- To be continued --

FINANCIAL READ AND RESET

-- Continued --

TRF TL	0.59	Transfer GT Balance (non-resettable)
TRF+ GT	0.59	Transfer + GT (non-resettable)
TRF- GT	0.00	Transfer - GT (non-resettable)
TRF+	0.59	Transfer + Daily
TRF-	0.00	Transfer - Daily
FB TL	8CU	Previous Balance Sales Customer Count / Amount
	25.16	
FB R/A	27.45	Previous Balance Payments Amount Received
FB PD	2.88	Previous Balance Refunded to Customers
TXBL1	294.75	Taxable Total 1 (Sale Amount Portion subject to Tax 1 taxation)
TXBL2	82.75	
SII TL	1	Selective Itemizer 1 Count
	-0.11	" " Amount
TAX EX	1CU	Tax Exempted Customer Count
TAX1EX	5.45	Sale Portion subject to Tax 1 Exemption
TAX2EX	1.00	
TAX3EX	0.00	
CUR1	1	Foreign Currency 1-in-drawer Count
	50.00	" " " Amount
CUR2	1	
	100.00	
CUR3	0	
	0.00	
ITEM/CUS	4.68	Sales Item Count per Customer
NS /CUS	6.40	Net Sale Amount per Customer (Net Sale Without Tax)
NO SALE	1	No-sale Count
VALI CTR	4	Validation Count
0207 18:29TM		

CASHIER READ AND RESET

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

X04

01 JONES
GS 273
 403.23
TAX 20.74
NS 248
 339.34
V.CPN 2
 15.00
TOTAL 53CU
 345.32

R/A 2
 8.00
PD 2
 6.00
LOAN 395.00
PICK UP 1
 300.00
CASH ID 142.35
CHECK ID 5
 60.00
MISC ID 2
 25.00
CPN ID 3
 15.00
FSID 5
 37.00
NEG1 63.89
NEG2 3.91
CUR1 1
 50.00
CUR2 1
 100.00
CUR3 0
 0.00
ITEM/CUS 4.68
NS /CUS 6.40
NO SALE 1

0208 19:13TH

Mode Lock: X for read
 Mode Lock: Z for reset

CASHIER SIGNING Method:
 Enter the 2-digit Cashier ID Code,
 (manager-assigned portion), deperss
[LOG].

CASHIER KEY Method:
 Set the Cashier Key of the required
 cashier, 4 **[AT/TL]**.

Cashier ID Code, Cashier's Name
 Gross Sale Item Count
 " " Amount
 Tax Amount
 Net Sale With Tax Item Count
 " " " " Amount
 Vendor Coupon Count
 " " Amount
 All-media Sales Customer Count / Amount
 Received-on-Account Count
 " Amount
 Paid-Out Count
 " Amount
 Loan Amount
 Pick Up Amount
 Cash-in-drawer Amount
 Check-in-drawer Count
 " Amount
 Misc-in-drawer Count
 " Amount
 Media-Coupon-in-drawer Count
 " Amount
 Food Stamp-in-drawer Count
 " Amount
 Negative Data 1
 Negative Data 2
 Foreign Currency 1-in-drawer Count
 " " " Amount
 Sales Item Count per Customer
 Net Sale Amount per Customer (Net Sale Without Tax)
 No-sale Count

SALESPERSON READ AND RESET

Mode Lock: X for read] 5 [AT/TL
 Mode Lock: Z for reset]

```

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
      Call again

11-20-90  #3001

      X05
01 White
NS          7
           22.79

02 Stacy
NS          14
           6.32

03 Mehl
NS          6
           12.42

0210 19:20TM
    
```

Salesperson Code, Name
 Net Sale With Tax
 Item Count, Amount

CREDIT CARD COMPANY SALES READ (Read only)

Mode Lock: X , 6 [AT/TL]

```

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
      Call again

11-20-90  #3001

      X06
01 ABC      4
           31.36

02 DEF      1
           5.45

03 BHI      1
           16.03

0211 19:20TM
    
```

Individual
 Company Code, Name
 Sales Count, Sales Amount

ALL MEDIA SALES TOTAL AND CASH-IN-DRAWER READ (Read only)

Mode Lock: X , [#]

```

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
      Call again

11-20-90  #3001

      X12
TOTAL      53CU
           345.32
CASH ID    142.35

0212 19:21TM
    
```

All-media Sales
 Cus.Count / Amount
 Cash-in-drawer Amount

DEPARTMENT GROSS PROFIT READ

Mode Lock: X , 7 [AT/TL]

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

X07

Dept Name	Gross Profit Rate,	Amount
MEAT	20%	10.62
BAKERY	14%	5.22
DAIRY	8%	5.08
BTL FOOD	18%	4.93
CAN FOOD	20%	3.89
DRINK	16%	3.60
FISH	15%	3.53
FRUIT	12%	3.11
VEGETABLE	10%	2.67
SNACK	17%	2.04
SPICE	21%	0.50
DP 14	12%	0.30
TL DEPO	5%	0.10
TOTAL	14.31%	45.59

0213 19:21TM

DEPARTMENT GROUP READ

Mode Lock: X , 8 [AT/TL]

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

X08

Group Name, Item Count	Sales Ratio, Amount
VE & FR	67
15.35%	52.75
ME & FI	26
22.32%	76.70
DAIRY	29
18.48%	63.50
BAKERY	24
10.86%	37.30
CA & BT	41
13.64%	46.85
DRINK	48
7.16%	24.60
SN & SP	12
4.19%	14.40
OTHER	1
8.00%	27.50
TOTAL	248
	343.60

0214 19:22TM

Gross Profit Rate,
" " Amount

Group Name, Item Count
Sales Ratio, Amount

Total Count, Amount

Average Gross Profit Rate,
Total Gross Profit Amount

**MEDIA SALES AND IN-DRAWER
TOTAL READ**

HOURLY RANGE READ AND RESET

Mode Lock: X , 9 [AT/TL]

Mode Lock: X for read] 10 [AT/TL
Mode Lock: Z for reset]

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
Call again

11-20-90 #3001

X09

TOTAL	53CU	345.32
CASH	25CU	122.74
CHECK	3CU	30.60
Chg	14CU	96.31
MISC	2CU	19.37
CPN	0CU	15.00
FS TL	1CU	36.14
CASH ID		142.35
CHECK ID		5
MISC ID		60.00
CPN ID		2
FSID		25.00
FS CB		3
PB TL		15.00
CUR1		5
CUR2		37.00
CUR3		0.86
		8CU
		25.16
		1
		50.00
		1
		100.00
		0
		0.00

0215 19:22TM

All-media Sales	
Cus.Count, Amount	
Cash Sales Cus.Count, Amount	
Check Sales Cus.Count, Amount	
Charge Sales Cus.Count, Amount	
Misc Sales Cus.Count, Amount	
Media-Coupon Sales Cus.Count, Amount	
Food Stamp Sales Cus.Count, Amount	
Cash-in-drawer Amount	
Check-in-drawer Count Amount	
Misc-in-drawer Count Amount	
Media-Coupon-in-drawer Count	
" " " Amount	
Food Stamp-in-drawer Count	
" " " Amount	
Food Stamp Change Amount	
Previous Balance Sales Customer Count / Amount	
Foreign Currency 1-in-drawer Count	
" " " " Amount	

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
Call again

11-20-90 #3001

X10

08:00TM	41
12:00TM	13CU 55.28
17:00TM	17CU 141.49
15:00TM	99
23CU	142.57
19:00TM	
	0216 19:23TM

Up to 8:00
No sales data is recorded.

8:00 to 12:00
Customer Count , Sales Amount

12:00 to 15:00
Customer Count, Sales Amount

15:00 to 19:00
Customer Count, Sales Amount

19:00 to 24:00
No sales data is recorded.

DEPARTMENT READ AND RESET

Individual Department READ

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

X

VEGETABLE	26
11CU	26.77
FRUIT	41
13CU	25.98
SUBTL	67
	52.75
TOTAL	67
	52.75

0269 19:24TM

Mode Lock: X

Depress the required Dept Keys , one by one, [ST] may be used to obtain sub-total, [AT/TL] to end.

Department Name, Item Count
 Customer Count, Amount

Total Count
 Amount

All Department Read and Reset

Mode Lock: X for read] 11 [AT/TL
 Mode Lock: Z for reset]

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

X 1 1

VEGETABLE	26
11CU	26.77
FRUIT	41
13CU	25.98
MEAT	16
15CU	53.12
FISH	10
10CU	23.58
DAIRY	29
18CU	63.50
BAKERY	24
17CU	37.30
CAN FOOD	25
13CU	19.45
BTL FOOD	16
10CU	27.40
DRINK	25
16CU	26.00
BTL DEPO	25
16CU	2.30
SNACK	8
7CU	12.00
SPICE	4
3CU	2.40
DP 13	1
1CU	25.00
DP 14	1
1CU	2.50
DP 15	0
0CU	0.00

Department Name, Item Count
 Customer Count, Amount

TOTAL	250
	322.30
-TOTAL	0
	0.00

Item Count] of all the departments total
 Amount]
 Item Count] of all the negative departments total
 Amount]

	VE & FR	67	Group Name, Item Count
	15.19%	52.75	Sales Ratio, Amount
	ME & FI	26	
	22.08%	76.70	
	DAIRY	29	
	18.28%	63.50	
	BAKERY	24	
	10.74%	37.30	
	CA & BT	41	
	13.49%	46.85	
	DRINK	50	
	8.15%	28.30	
	SN & SP	12	
	4.15%	14.40	
	OTHER	1	
	7.92%	27.50	
	TOTAL	250	Total Count, Amount
		347.30	
Dept Name	MEAT		Gross Profit Rate,
	20%	10.62	* * Amount
	BAKERY		
	14%	5.22	
	DAIRY		
	8%	5.08	
	BTL FOOD		
	18%	4.93	
	DRINK		
	16%	4.16	
	CAN FOOD		
	20%	3.89	
	FISH		
	15%	3.53	
	FRUIT		
	12%	3.11	
	VEGETABLE		
	10%	2.67	
	SNACK		
	17%	2.04	
	SPICE		
	21%	0.50	
	DP 14		
	12%	0.30	
	BTL DEPO		
	5%	0.11	
	TOTAL		Average Gross Profit Rate,
	14.32%	46.16	Total Gross Profit Amount
	0270	19:26TM	

PLU READ AND RESET

All PLU Read and Reset

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

X13

0003	Tomato		
7		1.17	
0005	Potato		
12		1.50	
0012	Orange		
14		2.63	
0020	Lemon		
7		1.75	
0024	Apple		
12		1.60	
0033	Beef		
5.80		14.50	
0141	Kiwi Jam		
7		13.30	
0150	Pickles		
3		3.60	
0157	Coke Small-B		
7		4.20	
0163	7-up Small-B		
13		7.80	
0170	Small-B Depo		
20		1.00	
0175	Potato Chips		
5		7.50	
0183	Nutmeg		
4		2.40	
TOTAL		183	
		174.40	
0219 19:26TH			

Mode Lock : X
 for read, or
 Mode Lock : Z
 for reset
 [PLU]

PLU Code, Name
 Item Count, Amount

Zone PLU Read and Reset

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

X13

0100-0150		
0102	Rye Bread	
10		12.00
0111	Hard Rolls-4	
6		4.80
0121	Tuna Can	
16		8.00
0125	Soup Can	
5		2.25
0133	Plum Jam	
5		9.00
0141	Kiwi Jam	
7		13.30
0150	Pickles	
3		3.60
TOTAL		52
		52.95
0220 19:27TH		

Read Report Sample

Mode Lock : X

Zone- start PLU Code	@/FOR	Zone-end PLU Code
----------------------------	-------	----------------------

[PLU]

Zone-start PLU Code
 ~ Zone-end PLU Code

PLU STOCK READ (Read only)

All PLU Stock Read

```

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
      Call again

11-20-90  #3001

      X14
0121 Tuna Can          504
0125 Soup Can         1245
0133 Plum Jam         3235
0141 Kiwi Jam         361
0150 Pickles          420
0157 Coke Small-B    1193
0163 7-up Small-B    875
0175 Potato Chips    355
0183 Nutmeg           764

0221 19:28TH
    
```

Mode Lock : X
[STOCK]
[PLU]

PLU Code, PLU Name
Stock Q'ty

Zone PLU Stock Read

```

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
      Call again

11-20-90  #3001

      X14
0150 Pickles          420
0157 Coke Small-B    1193
0163 7-up Small-B    875
0175 Potato Chips    355
0183 Nutmeg           764

0222 19:29TH
    
```

Mode Lock : X
[STOCK]

Zone- start PLU Code	[@/FOR]	Zone-end PLU Code
----------------------------	---------	----------------------

[PLU]

Zone-start PLU Code ~
Zone-end PLU Code

CUSTOMER FILE READ (for Check Track Memory type only)

All Files Read

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

X 15

#000001	0.00
#000003	4.59
#000104	0.00
#000105	0.00

0226 19:32TM

Mode Lock: X
 [PICK UP BAL]

File Code, Balance

Zero-balance Files Read

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

X 15

#000001	0.00
#000104	0.00
#000105	0.00

0228 19:33TM

Mode Lock: X
 0 [CODE OPEN]

File Code, Balance

Individual File Read

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

X 15

#000003	4.59
---------	------

0227 19:33TM

Mode Lock: X
 [File Code]

[PICK UP BAL]

File Code, Balance

Debit-balance Files Read

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

X 15

#000003 4.59

0229 19:34TM

Mode Lock: X
 1 [CODE OPEN]

File Code, Amount

Inactive PLU Read (Read only)

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

X 20

#0
 0052 Salmon

0231 19:35TM

Mode Lock: X
 0 [#] → [PLU]

PLU Code
 PLU Name

Debit-balance Files Read

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

X 15

0230 19:34TM

Mode Lock: X
 2 [CODE OPEN]

In this case, no
 credit-balance files exist.

DEPARTMENT AND PLU ABC ANALYSIS READ (Read only)
 (In the following samples, Rank No.3 are designated.)

Best Selling in Quantity		Departments	Best Selling in Amount		Departments
11-20-90 #3001			11-20-90 #3001		
X2 1			X2 3		
#1	FRUIT		#2	DAIRY	
Rank No. 1	41	Item Count	1	29	Customer Count, Amount
	13CU			63.50	
	DAIRY			18CU	
2	29			MEAT	
	18CU			2	
	63.50			15CU	
	VEGETABLE			BAKERY	
3	26			3	
	11CU			17CU	
	26.77				
TOTAL	96		TOTAL	69	
36.07%	116.25		47.76%	153.92	
	0275 19:54TM			0274 19:53TM	
PLUs			PLUs		
11-20-90 #3001			11-20-90 #3001		
X2 1			X2 3		
#1	Small-B Depo		#2	Cheese	
1	20		1	9	
	1.00			22.50	
	Tuna Can			Eggs-6 Pack	
2	16			2	
	8.00			15.50	
	Orange			Beef	
3	14			3	
	2.63			5.80%	
TOTAL	50		TOTAL	15	
8.43%	11.63		30.10%	52.50	
	0236 19:46TM			0238 19:48TM	

Worst Selling in Quantity

Worst Selling in Amount

11-20-90 #3001

X22

#3

DP14

1	1
1CU	2.50

SPICE

2	4
3CU	2.40

SNACK

3	8
7CU	12.00

TOTAL 13

5.24% 16.90

0273 19:52TM

Departments

11-20-90 #3001

X24

#4

BTL DEPO

1	25
16CU	2.30

SPICE

2	4
3CU	2.40

DP14

3	1
1CU	2.50

TOTAL 30

2.23% 7.20

0272 19:51TM

Departments

11-20-90 #3001

X22

#3

Milk-Large

1	3
	3.90

Milk-Small

2	3
	1.20

Pickles

3	3
	3.60

TOTAL 9

6.30% 8.70

0240 19:50TM

PLUs

11-20-90 #3001

X24

#4

Small-B Depo

1	20
	1.00

Cod

2	2.70%
	1.08

Tomato

3	7
	1.17

TOTAL 27

1.86% 3.25

0242 19:51TM

PLUs

NOTE:
In Worst Selling reports, departments or PLUs with sales data zero or negative are excluded.

GT REPORTS

As for GT reports, refer to the TABLE OF OPERATIONS FOR X AND Z REPORTS, GT Reports.

In GT reports, the contents and print formats are the same as their corresponding daily reports, except that:

- "GT" is added to the report header:
Example: "X11" \longrightarrow "GTX11"
- In some GT reports, some total memories are not provided.

Please determine the timing of each GT reset report takings. If the store wants, for example, a monthly data report, operate the required GTZ report once a month on a certain data designated by the store, while GTX reports for the same data may be taken any number of times.

5.PROGRAMMING OPERATIONS

This chapter is provided for the store programmer or the store manager who may have to change the programmed data of the MA-1600 series ECR on a daily, weekly, or monthly basis. Usually, all the basic program data required for your store should be set before delivering the product by your local TEC representative. However, to change or add program data, please refer to this chapter.

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BASIC KEY FUNCTIONS AND KEYBOARD VARIATIONS IN PROGRAMMING OPERATIONS

Basic Key Functions

1. The following are main keys and their functions to be used in programming operations:
 - [@/FOR] Used to enter the program Submode No.
 - [ST] Used to enter the Address No. or Item Code. Also used to end the item data entries.
 - [#] (or [#NS]) Used to enter data for the address or item. Each character code is also entered through this key.
 - [AT/TL] Used to end the entire program Submode sequence.
2. Functions of the [C] key:
 - When an entered program data is already printed, the [C] key cannot clear it any longer. To correct the data, re-enter it.
 - Before the entered data is printed, the data may be cleared by the [C] key.

Keyboard Variations in Programming operations

The MA-1600 provides several keyboards for programming operations. Depending on which keyboard is used, the key layout and the character entry method will vary.

Case 1: When the ECR Keyboard alone is used for programming:

Follow the instructions as they are described in this manual. For character settings, use the CHARACTER CODE TABLES (later stated). None of the DIRECT CHARACTER ENTRY methods are possible.

Case 2: When the Programming Keyboard TKB-1 (hardware option) is connected:

- 1) Character Keys provided on the TKB-1 keyboard may be used to directly enter the characters. (DIRECT CHARACTER ENTRY method). Any characters not provided on the TKB-1 keyboard (and those provided as well) may be entered through the Numeric Keys and the [#] key on the ECR keyboard, referring to the CHARACTER CODE TABLES.
- 2) Basic Function Keys ([C], [@/FOR] (= [X]), [ST], [AT/TL]) may be depressed either on the TKB-1 or the ECR keyboard. If any other keys not provided on the TKB-1 are required in programming operates, operate them on the ECR keyboard (such as Department Keys, [PLU], etc.).

Case 3: When the PLU Keyboard PK-2 (hardware option) is connected:

- 1) Character Keys provided on the PK-2 Character Setting Sheet may be used to directly enter the characters (DIRECT CHARACTER ENTRY method). Any characters not provided there (and those provided as well) may be entered, in the CHARACTER CODE ENTRY method, through the Numeric Keys and the [#] key on the ECR keyboard.
- 2) All Function keys ([C], [@/FOR], [ST], [AT/TL], etc.) must be operated on the ECR keyboard.
- 3) In the following operations, however, the Character Setting Sheet should be removed and the keys on the PK-2 are used as PLU Preset-code Keys:
 - PLU PRESET-CODE KEY SETTING (Submode 27)
 - PLU PRESET PRICE CHANGING (no submode) --(This may be operated on the ECR Keyboard as well.)

CHARACTER ENTRIES

As already stated, there are two methods of operations for character settings for names or messages: CHARACTER CODE ENTRY Method and DIRECT CHARACTER ENTRY Method.

CHARACTER CODE ENTRY Method

This method is to set a character by entering a Character Code and depressing the [#] key.

DIRECT CHARACTER ENTRY Method

This method is to set a character by directly depressing the Character Key on any of the following keyboard:

- TKB-1 Keyboard (Programming Keyboard; hardware option)
- PK-2 Keyboard (PLU Keyboard; hardware option)

By using those character keys, the characters are directly entered. In this manual, sample operations are attached to most of the programming operations. And at name or message programming portions, characters are entered by the CHARACTER CODE ENTRY method. Instead of this, you may depress the Character Keys. For example, instead of entering 11 [#] (to enter character "A"), you may simply depress Character Key "A" on either of the above keyboards.

On the following pages, Character Code Tables under the CHARACTER CODE ENTRY Method and two different keyboards under the DIRECT CHARACTER ENTRY Method are shown. These pages are to be referred to, every time the "Character Entries" sequence is contained in various programming operations in this manual.

Read through these pages at least once first, so that you may know the appropriate method of character entries using the ECR keyboard and/or option keyboards.

Character Code Entry Method

Character Code Table 1: Standard Characters

COL/ ROW	2	3	4	5	6	7	8	9	10	11	12	13	14	15
00		0	@	P	.	p	Ä	ú	////	-	タ	ミ	□	Φ
01	|	1	A	Q	a	q	Ö	ß	。	ア	チ	ム	-	二
02	"	2	B	R	b	r	Ü	æ	|	イ	ツ	メ	★	三
03	#	3	C	S	c	s	ä	œ	↓	ウ	テ	モ	◇	四
04	\$	4	D	T	d	t	ö	Æ	,	エ	ト	ヤ	kg	五
05	%	5	E	U	e	u	ü	Œ	+	オ	ナ	ユ		六
06	&	6	F	V	f	v	ç	ç	ヲ	カ	ニ	ヨ	L _b	七
07	'	7	G	W	g	w	é	£	ア	キ	ヌ	ラ	||	八
08	(	8	H	X	h	x	è	Σ	イ	ク	ネ	リ	|||	九
09	)	9	I	Y	i	y	â	÷	ウ	ケ	ノ	ル	IV	十
10	x	:	J	Z	j	z	ê	→	エ	コ	ハ	レ	VI	No.
11	+	:	K	[	k	{	Ñ	←	オ	サ	ヒ	□	VII	Ä
12	,	<	L	¥	l	|	ñ	↓	ヤ	シ	フ	ワ	IX	á
13	-	=	U	]	m	}	á	↑	ユ	ス	ヘ	ン	||	D
14	.	>	N	^	n	-	ó	½	ヨ	セ	ホ	"	|||	ø
15	/	?	O	_	o	□	i	¼	ツ	ソ	マ	°		

Character Setting Operations :

- To set a regular-sized character, enter the COL code and then the ROW code, followed by the [#] key.
ex.) To set "%", enter 205, and depress [#].
To access "kg", enter 1404, and depress [#].
- To set a space of regular-sized width, simply depress [#] without a prior code entry, or enter 200 and depress [#].
- Depress the [@/FOR] key once prior to a regular-sized character entry, and it will be a double-sized character.

ex.) To set "GROUP", "G" in double-sized, and "ROUP" in regular-sized:

[@/FOR] 407 [#] 502 [#] 415 [#] 505 [#] 500 [#]
G R O U P

- Depress **[@/FOR]** key twice prior to all the character code entries to set the entire message line or entire name with all double-sized characters.

ex.) To set "GROUP" all in double-sized:

[@/FOR] **[@/FOR]** 407 [#] 502 [#] 415 [#] 506 [#] 500 [#]
 G R O U P
 All Double-sized Declaration

Character Code Table 2: Kanji Characters

The character setting operations are the same as described for Character Code Table 1, except that:

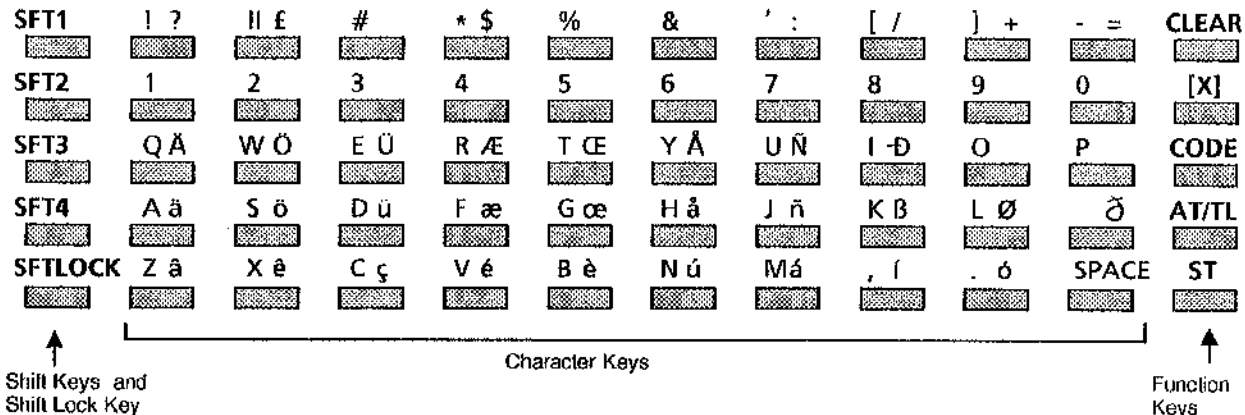
Each of these characters enters in the regular-sized mode, but the character will automatically be printed in double-sized.

NOTE: These characters may only be accessed by the CHARACTER CODE ENTRY method, but not by the DIRECT CHARACTER CODE ENTRY Method.

ROW \ COL	22	23	24	25	26	27	28
00	合	値	非	門	商	繰	算
01	計	引	課	受	上	累	検
02	現	割	税	免	品	総	純
03	小	個	万	料	名	科	瓶
04	預	券	買	年	訂	目	奉
05	釣	取	賣	月	人	込	休
06	掛	消	振	日	外	々	過
07	売	客	中	PLU	大	本	不
08	戻	点	止	伝	安	荷	足
09	替	回	終	SKU	仕	特	利
10	入	数	了	自	控	送	用
11	金	単	代	組	基	越	~
12	内	価	正	収	礎	額	
13	返	円	残	前	除	他	
14	支	在	会	設	定	社	
15	払	高	部	室	信	精	

Direct Character Entry Method

Using TKB-1 (Programming Keyboard; hardware option)



Shift Keys (1 to 4), Shift Lock Key

Used to designate the shift of the character keys. Each character has three different characters, each of which is designated by the Shift Key 1 to Shift Key 3. (The Shift Key 4 is not used for the MA-1600 series models.)

Shift Key 2 and Shift Key 3 are effective for one following character only. After that, the Shift 1 mode is automatically regained.

Character Keys

Used to enter alpha/numerics as characters. In setting a name or message, simply depress the corresponding character key here, instead of a character code and the [#] key combination on the ECR keyboard.

ex.)

A ä

"A" is entered in the Shift 1 mode.

Operate: ([SFT1]) → [A ä]

"a" is entered in the Shift 2 mode.

Operate: [SFT2] → [A ä]

"ä" is entered in the Shift 3 mode.

Operate: [SFT3] → [A ä]

The numeric keys [1] through [0] (on the second row from the top) are used as character keys (i.e. the entered number will be part of the name or message to be printed), but not used for code entry purpose such as for Department Codes, PLU Codes, etc.

Also note that those numeric keys may be entered in the Shift 1, 2, or 3 mode.

Function Keys

Except for the [CODE] key, each of the function keys corresponds to the identical key installed on the ECR keyboard as to the function in programming operations. ([CLEAR] = [C])

The [CODE] key cannot be used for the MA-1600 series ECRs.

Operation Examples

To set the Menu Item name "COFFEE" for Dept. 2:

ON ECR KEYBOARD ONLY

3 [@/FOR] [DEPT 2] 403 [#] 415 [#] 406[#] 406[#] 405[#] 405[#]
 C O F F E E
 [ST] [AT/TL]

USING TKB-1 KEYBOARD

3 [@/FOR] [DEPT 2] C O F F E E [ST] [AT/TL]

on ECR

on TKB-1

([@/FOR], [ST], and [AT/TL] may be operated on ECR or on TKB-1. Code entries such as "3" in the above example must be entered on ECR.)

The "One Double-size Declaration" (by depression [@/FOR] once prior to the required character) and the "All Double-size Declaration" (by depressing [@/FOR] twice before the entire descriptor) are the same as in setting characters on the ECR keyboard.

Any characters not listed on the TKB-1 keyboard may be entered by the code entry method on the ECR keyboard. (the characters even listed on the TKB-1 keyboard may be entered as well by that method).

Using PK-2 (PLU Keyboard; hardware option):

The PK-2 (hardware option PLU Keyboard) is used to enter the required PLU code by simply depressing the PLU Preset-code Key on the PK-2 keyboard in the "REG", "MGR", or "□" mode. In addition, the PK-2 can be used to enter characters directly during the programming operations that require character settings, such as STORE NAME/MESSAGE AND COMMERCIAL MESSAGE PROGRAMMING, DEPARTMENT TABLE PROGRAMMING OR CHANGING, etc.

The figure below shows the key indications of the PK-2 keyboard. (A sheet of these character indications is attached to the PK-2 unit. Insert it between the film layers that cover the PK-2 keyboard for using the keyboard for this purpose.)

Instead of entering a 3- or 4-digit character code and depressing the [#] key on the ECR keyboard, a simple depression of the appropriate key on the PK-2 keyboard will be the character entry.

Unlike the TKB-1, all the function keys, such as [@/FOR], [ST], [#], [AT/TL], etc. must be operated on the ECR side. Any characters not listed on the inserted sheet may be entered by the CHARACTER CODE ENTRY method on the ECR keyboard (the characters even listed on the inserted sheet may be entered as well by that method.)

Please note also that the keys "0" to "9" in the figure below function as character keys but do not function for code entries. Any code entries, for Department Codes, PLU Codes, Address Nos, etc. must be entered through the Numeric Keys on the ECR keyboard.

The One Double-sized Declaration (by depressing [@/FOR] once prior to the required character) and the All Double-sized Declaration (by depressing [@/FOR] twice before all the characters are the same as in the CHARACTER CODE ENTRY method.

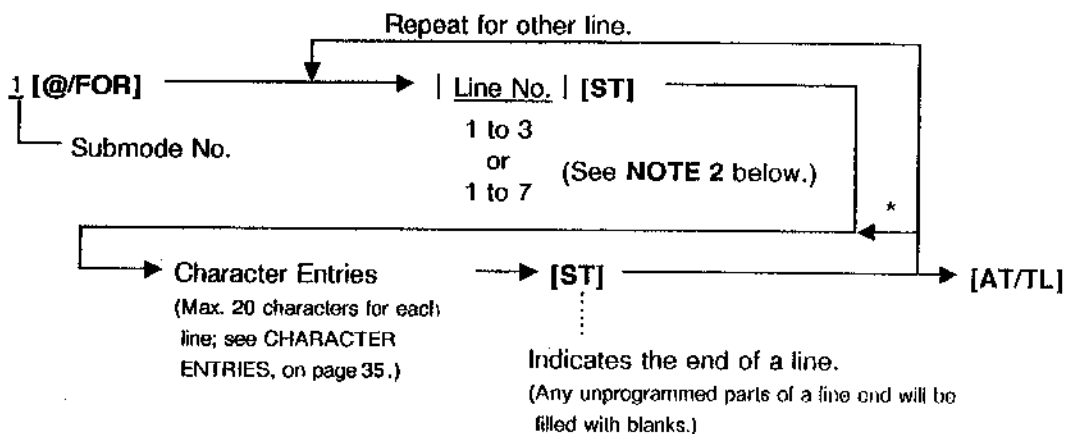
PK-2 KEYBOARD WITH CHARACTER-SHEET INSERTED

1	11	21	31	41	51	61	71	81	91	101	111	121
2	12	22	32	42	52	62	72	82	92	102	112	122
3	13	23	33	43	53	63	73	83	93	103	113	123
4	14	24	34	44	54	64	74	84	94	104	114	124
5	15	25	35	45	55	65	75	85	95	105	115	125
6	16	26	36	46	56	66	76	86	96	106	116	126
7	17	27	37	47	57	67	77	87	97	107	117	127
8	18	28	38	48	58	68	78	88	98	108	118	128
9	19	29	39	49	59	69	79	89	99	109	119	129
10	20	30	40	50	60	70	80	90	100	110	120	130

STORE NAME /MESSAGE AND COMMERCIAL MESSAGE PROGRAMMING OR CHANGING (Submode No. 1)

OPERATION

Mode Lock: SET / GT Lock: Neutral



* For sequentially programming lines, the line number specification can be skipped.

- NOTES:**
1. For each line, a maximum of 20 regular-sized characters or 10 double-sized characters may be entered. A combination of both types is also available.
 2. If the option "Store Name Print by RUBBER STAMP" is selected, no data can be programmed for the store name/message. Therefore, enter 1 to 3 as Line No. for the commercial message data only. If the option "Store Name Print by DOT PRINTER" is selected, use 1 through 4 for the store name/message and 5 through 7 for the commercial message data, as Line No.
 3. If no commercial message is required on the receipt, program blanks for all three lines. As a result no extra lines will be fed. If any one of the three lines is programmed, the two other lines will cause line feeds.
 4. The 4-line range assigned for the store name/message will be either printed or fed, as long as the option "Store Name print by DOT PRINTER" is selected.
 5. If any incorrect characters have been programmed, depress the [C] key to clear all the characters on a line and then re-enter characters from the beginning, or end the line with an [ST] and re-program the entire line. The new data will be active.
 6. When all the lines have been programmed, do a check by issuing a receipt. Only the lines with errors need to be re-programmed; other lines will not be affected.

ex.) To program the following draft as the Store Name/Message and Commercial Message
(under the "Store Name by DOT PRINTER" option):

DRAFT:	T	E	C		S	T	O	R	E	Line No. 1									
		1	2	3	4	P	E	A	C	H	D	R	I	V	E	Line No. 2			
						P	H	O	N	E	:	8	7	-	6	4	3	7	Line No. 3
																			Line No. 4
	T	h	a	n	k		y	o	u										Line No. 5
								C	a	l	l		a	g	a	i	n		Line No. 6
																			Line No. 7

OPERATION: Presumed that nothing has been programmed on each line.

Mode Lock to **SET**, GT Lock to Neutral, enter 1, depress **[@/FOR]**.

(The example below uses the CHARACTER CODE ENTRY method; the DIRECT CHARACTER ENTRY method will be easier if you have, PLU KEYBOARD (PK-2), or PROGRAMMING KEYBOARD (TKB-1.)

1 [ST] (Line No. 1)
 [#] (space)
 [AT/TL] 504 [#] (T)
 [AT/TL] 405 [#] (E)
 [AT/TL] 403 [#] (C)
 [#] (space)
 [#] (space)
 [AT/TL] 503 [#] (S)
 [AT/TL] 504 [#] (T)
 [AT/TL] 415 [#] (O)
 [AT/TL] 502 [#] (R)
 [AT/TL] 405 [#] (E)

2 [ST] (Line No. 2)

[#] (space)
 [#] (space)
 301 [#] (1)
 303 [#] (3)
 304 [#] (4)
 303 [#] (3)
 [#] (space)
 500 [#] (P)
 405 [#] (E)
 401 [#] (A)
 403 [#] (C)
 408 [#] (H)
 [#] (space)
 404 [#] (D)
 502 [#] (R)
 409 [#] (I)
 506 [#] (V)
 405 [#] (E)

[ST]

3 [ST] (Line No.)
 [#] three times (space)

500 [#] (P)
 408 [#] (H)
 415 [#] (O)
 414 [#] (N)
 405 [#] (E)
 310 [#] (:)
 [#] (space)
 308 [#] (8)
 307 [#] (7)
 213 [#] (-)
 306 [#] (6)
 304 [#] (4)
 303 [#] (3)
 307 [#] (7)

[ST]

5 [ST] (Line No.)

504 [#] (T)
 608 [#] (h)
 601 [#] (a)
 614 [#] (n)
 611 [#] (k)
 [#] (space)
 709 [#] (y)
 615 [#] (o)
 705 [#] (u)

[ST]

6 [ST] (Line No.)

[#] ten times (space)

403 [#] (C)
 601 [#] (a)

612 [#] (l)
 612 [#] (l)
 [#] (space)
 601 [#] (a)
 607 [#] (g)
 601 [#] (a)
 609 [#] (i)
 614 [#] (n)

[ST]

[AT/TL]

00-00-00 H0

PO1

1
 TEC STORE

2
 1343 PEACH DRIVE

3
 PHONE: 87-6437

5
 Thank you

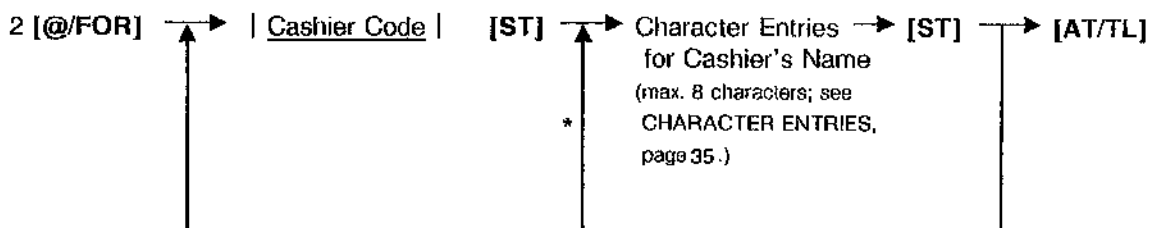
6
 Call again

0009 14:56TM

CASHIER CODE AND NAME PROGRAMMING (Submode No. 2)

■ Programming .

OPERATION Mode Lock: **SET** / GT Lock: Neutral ([X] = [@/FOR])



Repeat for other cashier codes and name settings.

* (When the code is sequential from the previous-set code, the Cashier Code entry may be skipped.)

NOTE : 1. Cashier Code: Push-stay-key Type:

1 to 4

Sign ON/OFF type:

1 to 99 (max. 10 cashiers)

(The code set here will be the manager-assign portion of the entire 4-digit cashier code for cashier sign-ON.)

2. For the name of each cashier, a maximum of 8 regular-sized or 4 double-sized characters may be entered. A combination of both types is also available. (At least one character must be entered here.)

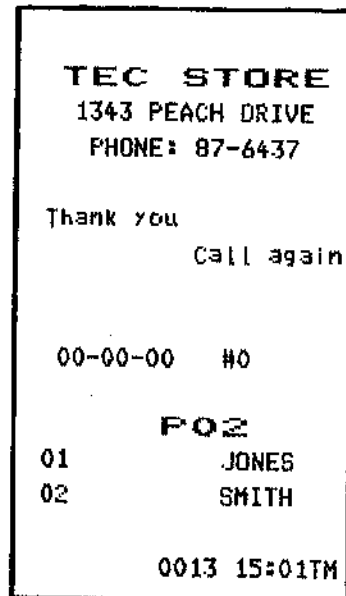
ex.) To program Cashier Code 1 with name "JONES",
Cashier Code 2 with name "SMITH":

Mode Lock to **SET**, GT Lock to Neutral
Enter 2, depress **[@/FOR]**.

Enter 1, depress **[ST]** (Cashier Code)
Enter 410, depress **[#]** (J)
Enter 415, depress **[#]** (O)
Enter 414, depress **[#]** (N)
Enter 405, depress **[#]** (E)
Enter 503, depress **[#]** (S)
Depress **[ST]** (to end Cashier 1)

Enter 2, depress **[ST]** (Cashier Code)
Enter 503, depress **[#]** (S)
Enter 413, depress **[#]** (M)
Enter 409, depress **[#]** (I)
Enter 504, depress **[#]** (T)
Enter 408, depress **[#]** (H)
Depress **[ST]** (to end Cashier 2)
Depress **[AT/TL]** to end this programming.

Depress **[AT/TL]** to end this programming.



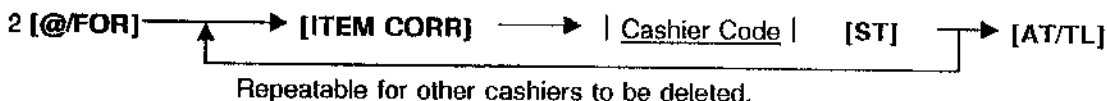
■ **Deletion**

CONDITION

After the Cashier's Daily and GT Resets and in his/her Signed-OFF condition

OPERATION

Mode Lock: **SET** / GT Lock: Neutral



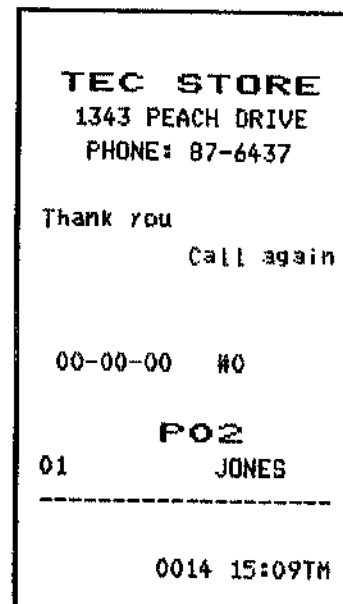
- NOTES:**
1. The Cashier Reset Report Count of the deleted cashier will be cleared.
 2. The cashier key or cashier code of the deleted cashier cannot be used or signed-ON for sales entries.

ex.) To delete Cashier Code 1 with name "JONES" that has been programmed in the previous page:

Mode Lock to **SET**, GT Lock to Neutral
Enter 2, depress **[@/FOR]**

Depress **[ITEM CORR]**
Enter 1, depress **[ST]** (Cashier Code)

Depress **[AT/TL]** to end this program.



DEPARTMENT TABLE PROGRAMMING OR CHANGING (Submode No.3)

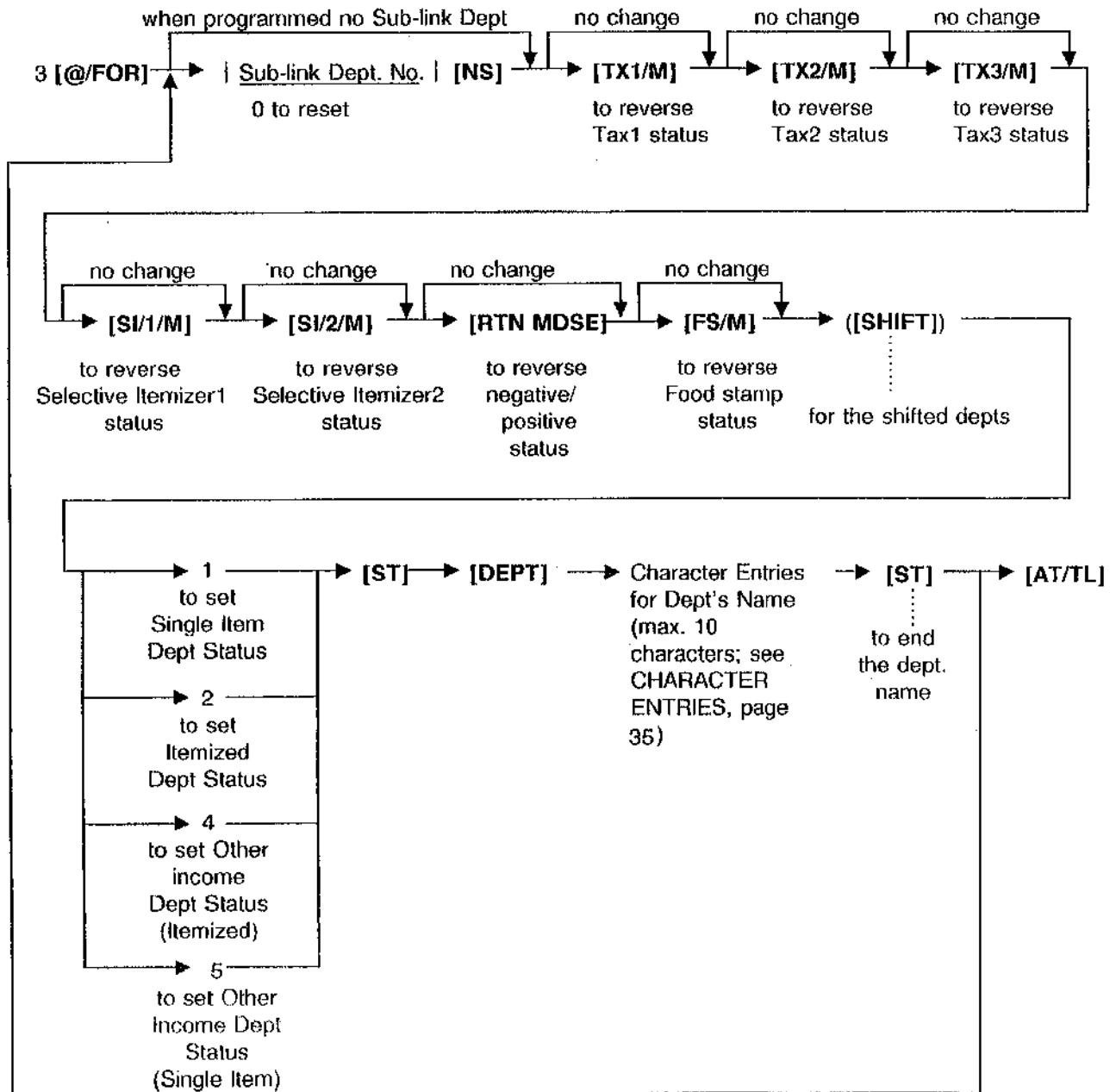
CONDITION

To change the Positive/Negative status :
After Department Daily and GT Resets and PLU Reset

To change any other programmed data or to program new depts. :
Any time outside a sale

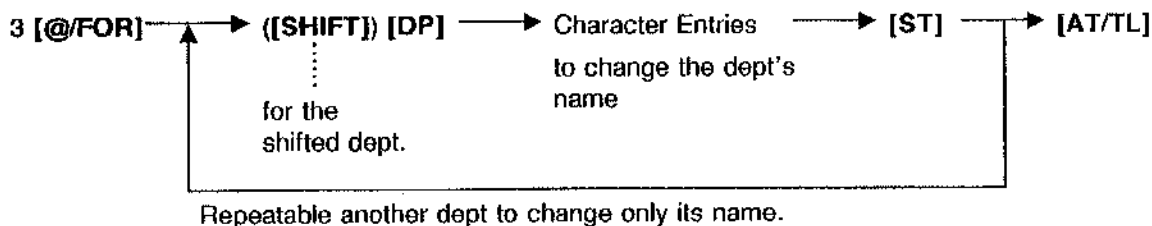
OPERATION

Mode Lock : **SET** / GT Lock : Neutral



Repeatable for other Depts.

- NOTES :**
1. Depress only the key(s) for the required status change(s). [RTN MDSE], [TX 1/M], [TX2/M], [TX3/M], [SI1/M], [SI2/M], and [FS/M] keys will function to reverse from the current status to the other.
 2. For the name of each department, a maximum of 10 regular-sized or 5 double-sized characters may be entered. A combination of both types is also available. If no name is programmed for a department, the Department No. (ex. "DP01") will be printed on the receipt and reports as the Department name.
 3. If only a department name is set or changed, refer to the following operation sequence.



ex.) To program the following status and name for each department :

DEPT CODE	Sub-link Dept. No.	Tax Status	Selective Itemizer Status	Negative/Positive Status	Food Stamp Status	Dept. Status	Dept. Name
1	---	Tax 1	---	Positive	Stampable	Itemized	VEGETABLE
2	---	Tax 1	---	Positive	Stampable	Itemized	FRUIT
3	---	Tax 1	---	Positive	Stampable	Itemized	MEAT
4	---	Tax 1	---	Positive	Stampable	Itemized	FISH
5	---	Tax 1	Net to SI1	Positive	Stampable	Itemized	DAIRY
6	---	Tax 1	Net to SI1	Positive	Stampable	Itemized	BAKERY
7	---	Tax 1 & 2	Net to SI1	Positive	Stampable	Itemized	CAN FOOD
8	---	Tax 1 & 2	Net to SI1	Positive	Stampable	Itemized	BTL FOOD
9	10	Tax 1 & 2	Net to SI1	Positive	---	Itemized	DRINK
10	---	---	---	Positive	---	Itemized	BTL DEPO
11	---	Tax 2	Net to SI1	Positive	---	Itemized	SNACK
12	---	Tax 2	Net to SI1	Positive	---	Itemized	SPICE
13	---	---	---	Positive	---	Other Income	no name
14	---	---	---	Positive	---	Single Item	no name
15	---	---	---	Negative	---	Itemized	no name

Mode Lock to **SET**, enter 3, depress **[@/FOR]**

[TX1/M] [FS/M] 2 [ST] [DEPT1]

506 [#] 405 [#] 407 [#] 405 [#] 504 [#] 401 [#] 402 [#] 412[#] 405 [#] [ST]
 (V) (E) (G) (E) (T) (A) (B) (L) (E)

[RTN MDSE] 2 [ST] [DEPT 15]

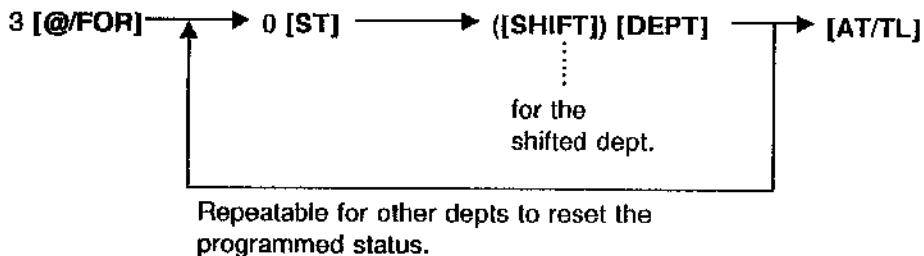
[AT/TL] to end the programming

P03			
01	2 F	1	
01	VEGETABLE		
02	2 F	1	
02	FRUIT		
03	2 F	1	
03	MEAT		
- SNACK			
12	2	I	2
12	SPICE		
13	4		
14	1		
15	2		-
0013 15:22TM			

■ **Reset the programmed department status**

CONDITION After Department Daily and GT Resets, Financial Daily and GT Resets and PLU Reset

OPERATION Mode Lock : **SET** / GT Lock : Neutral



ex.) To reset the programmed status of Dept 1 :
 Mode Lock to **SET**, enter 3, depress [@/FOR].
 0 [ST] [DEPT 1] [AT/TL].

```

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
      Call again

00-00-00  #0

      P03
01        2

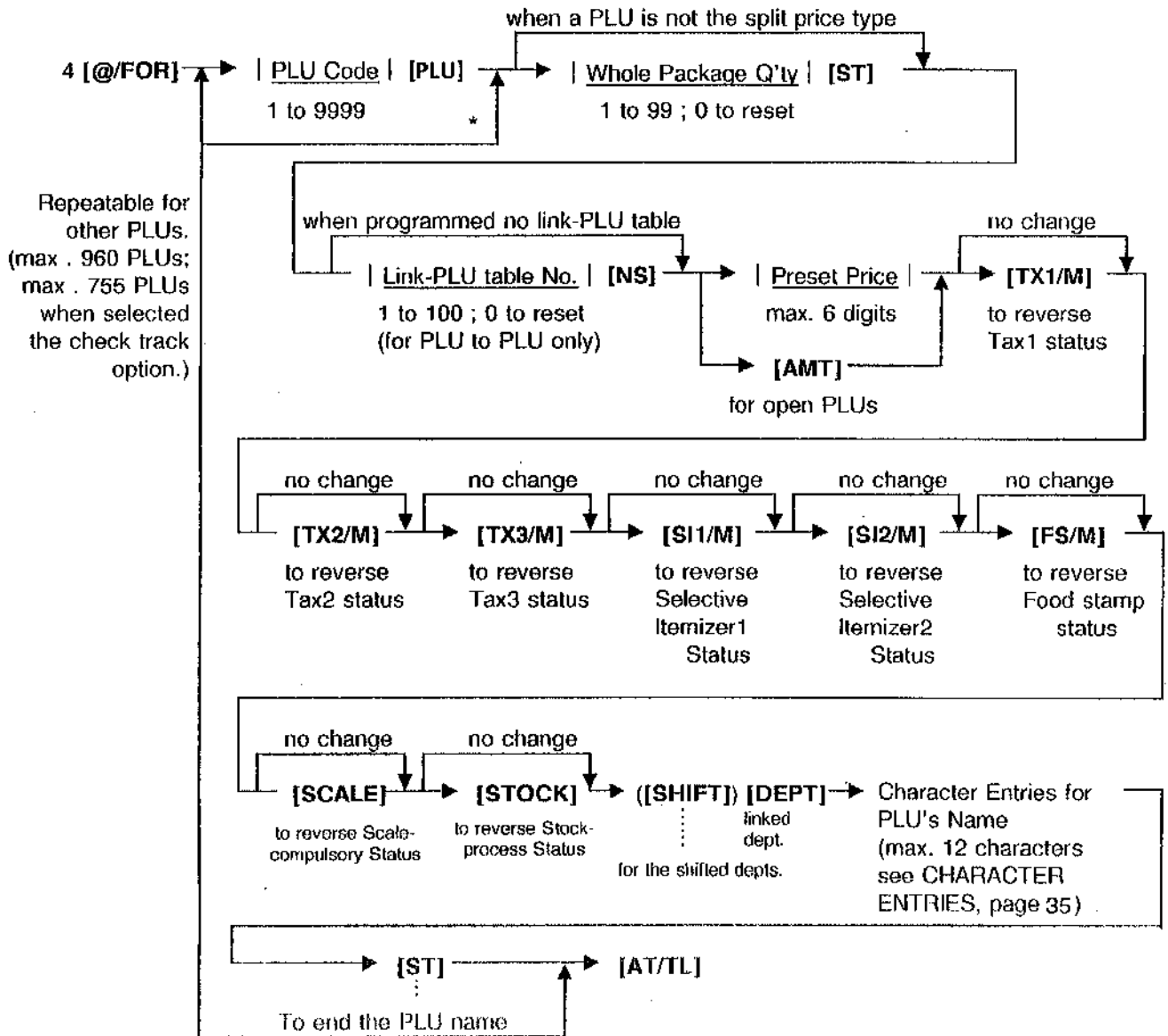
      0014 15:42TM
  
```

PLU TABLE PROGRAMMING OR CHANGING (Submode No.4)

CONDITION To program new PLUs:
To change any programmed contents of PLUs (except the following case) : Any time outside a sale.

To change the Linked Department of a PLU with sales data not "0" : After PLU Reset

OPERATION Mode Lock: **SET** / GT Lock: Neutral



* | PLU Code | [PLU]' entry may be skipped if the PLU Code is sequential from that of the PLU just set.
If this PLU code entry is skipped at very first PLU, the PLU code will automatically programmed as PLU No.1.

- NOTES :**
1. *The Positive / Negative and Single-item / Itemized status are determined by those of the department to which each PLU is linked.*
 2. *If no name is set for a PLU, the PLU Code (such as "PLU 0001") will be printed as the PLU name on sales receipts.*
 3. *No PLU may be linked to an other income department.*
 4. *The Stock-process status and the Scale-compulsory status cannot be combined for a PLU.*
 5. *When programmed the Scale-compulsory status to a negative PLU, a sale entry of this PLU is not available.*
 6. *If only a PLU name is set or changed, the Character Entry is executed immediately after the depression of [PLU] in the above operation sequence.*
 7. *The Head to Sub linkage is effective for only one step.*
 8. *The Head-link PLU Entry will cause an error when programmed its Sub-link PLU as an open-price PLU.*

ex.) To program the following status and name for each PLU :

PLU CODE	Whole Package Quantity	Link-PLU Table No.	Preset Price	Tax Status	Selective Itemizer Status	Food Stamp Status	Scale-Compulsory Status	Stock-process Status	Linked department	PLU name
3	6	---	\$1.00	Tax1	---	Stampable	---	---	Dept. 1	Tomato
5	6	---	\$0.80	↓	---	↓	---	---	Dept. 1	Potato
12	4	---	\$0.75	↓	---	↓	---	---	Dept. 2	Orange
20	4	---	\$1.00	↓	---	↓	---	---	Dept. 2	Lemon
24	---	---	\$0.90	↓	---	↓	---	---	Dept. 2	Apple
33	---	---	\$2.50	↓	---	↓	Compulsory	---	Dept. 3	Beef
37	---	---	\$2.00	↓	---	↓	↓	---	Dept. 3	Pork
45	---	---	\$1.80	↓	---	↓	↓	---	Dept. 3	Mutton
52	---	---	\$0.75	↓	---	↓	↓	---	Dept. 4	Salmon
58	---	---	\$0.40	↓	---	↓	↓	---	Dept. 4	Cod
63	---	---	\$0.60	↓	---	↓	↓	---	Dept. 4	Shrimp
72	---	---	\$1.30	↓	Net to SI1	↓	---	---	Dept. 5	Milk-Large
79	---	---	\$0.40	↓	↓	↓	---	---	Dept. 5	Milk-Small
83	---	---	\$1.10	↓	↓	↓	---	---	Dept. 5	Nonfat-Milk
88	---	---	\$2.50	↓	↓	↓	---	---	Dept. 5	Cheese
95	---	---	open	↓	↓	↓	---	---	Dept. 5	Eggs-6 Pack
97	---	---	\$1.20	↓	↓	↓	---	---	Dept. 6	Donuts-5
102	---	---	\$1.20	↓	↓	↓	---	---	Dept. 6	Rye Bread
111	---	---	\$0.80	↓	↓	↓	---	---	Dept. 6	Hard Rolls-4
121	---	---	\$0.50	Tax1 & 2	↓	↓	---	Process	Dept. 7	Tuna Can
125	---	---	\$0.45	↓	↓	↓	---	↓	Dept. 7	Soup Can
133	---	---	\$1.80	↓	↓	↓	---	↓	Dept. 8	Plum Jam
141	---	---	\$1.90	↓	↓	↓	---	↓	Dept. 8	Kiwi Jam
150	---	---	\$1.20	↓	↓	↓	---	↓	Dept. 8	Pickles
157	---	1	\$0.60	↓	↓	↓	---	↓	Dept. 9	Coke Small-B
163	---	1	\$0.60	↓	↓	↓	---	↓	Dept. 9	7-up Small-B
170	---	1	\$0.05	---	---	---	---	---	Dept. 10	Small-B Depo
175	---	---	\$1.50	Tax2	Net to SI1	---	---	Process	Dept. 11	Potato Chips
183	---	---	\$0.60	↓	↓	↓	---	↓	Dept. 12	Nutmeg

Mode Lock to SET, enter 4, depress [@/FOR]

3[PLU] 6[ST] 100 [TX1/M] [FS/M] [DEPT1]

504 [#] 615 [#] 613 [#] 601 [#] 704 [#] 615 [#] [ST]
 (T) (o) (m) (a) (t) (o)

183 [PLU] 60 [TX2/M] [SI1/M] [STOCK] [DEPT 12]

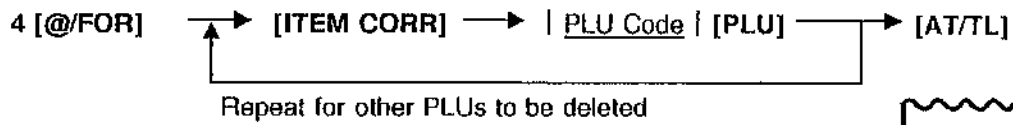
414 [#] 705 [#] 704 [#] 613 [#] 605 [#] 607 [#] [ST]
 (N) (u) (t) (m) (e) (g)

[AT/TL] to end this programming.

F04		
PLU0003	/06	1.00
	01	000
	F	1
PLU0003	Tomato	
PLU0005	/06	0.80
	01	000
		1
PLU0175	Potato Chips	
PLU0183		0.60
	12	000
	S I	2
PLU0183	Nutmeg	
0029		
0017 15:50TM		

PLU TABLE DELETION

CONDITION After PLU Reset
OPERATION Mode Lock : **SET**



ex.) To delete PLU No. 20 once set in the above programming operation :

Mode Lock to **SET**, enter 4, depress [@/FOR]

Depress [**ITEM CORR**], enter 20, depress [**PLU**].

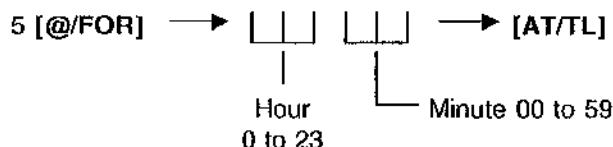
Depress [**AT/TL**] to end this program.

P04
PLU0020
0028
0031 18:08TM

TIME SETTING OR ADJUSTMENT (Submode No.5)

CONDITION Any time outside a sale

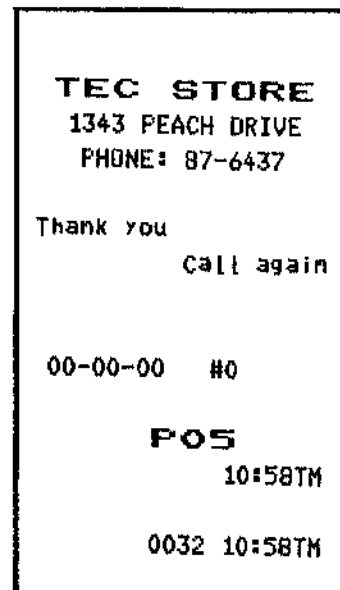
OPERATION Mode Lock : **SET**



- NOTES :**
1. "If an hour value of more than 23 or a minute value of more than 59 is entered, no errors will result. However, in this case, set the time again with correct values.
 2. The date will not be changed by setting or adjusting the time.

ex.) To set the time to "10:58"(10:58 a.m.)

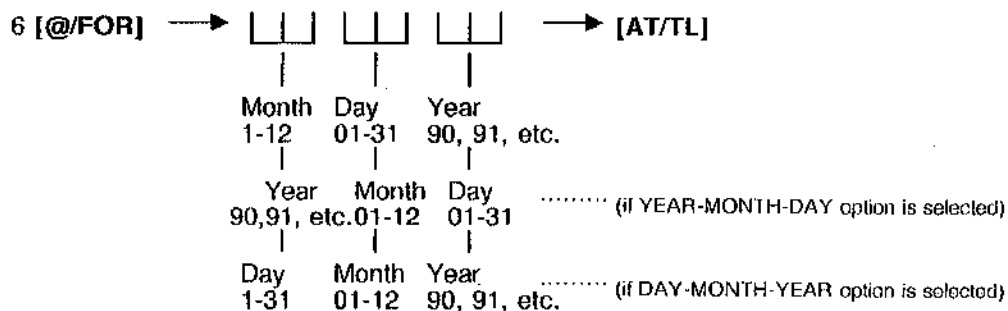
Mode Lock to **SET**, enter 5, depress [**@/FOR**]
Enter 1 0 5 8 , depress [**AT/TL**].



DATE SETTING OR ADJUSTMENT (Submode No.6)

CONDITION Any time outside a sale

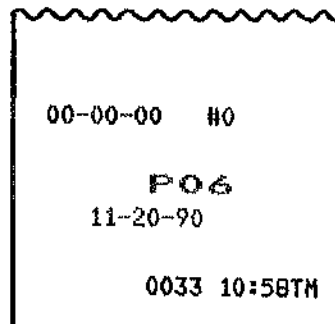
OPERATION Mode Lock : **SET**



ex.) To set the date to "November 20 1990":

Mode Lock to **SET**, enter 6, depress [**@/FOR**]
Enter 1 1 2 0 9 0, depress [**AT/TL**].

NOTE : The extra day of a leap year is also computed automatically by the clock circuitry.

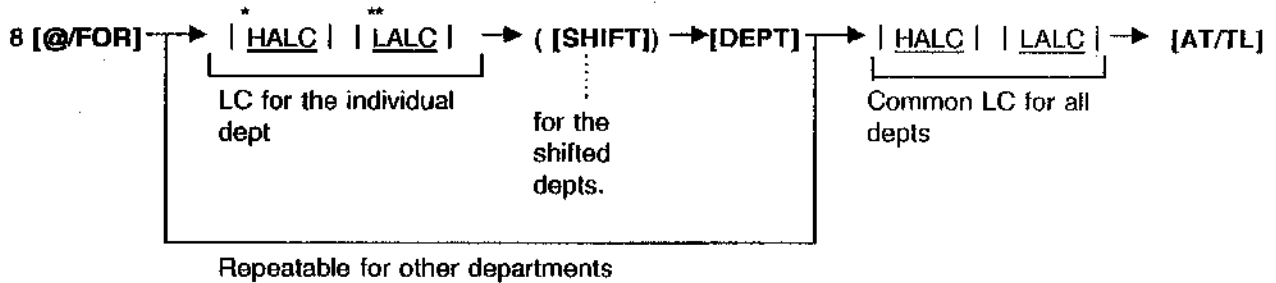


DEPARTMENT LISTING CAPACITY SETTING (Submode No.8)

The LC (Listing Capacity) setting is used to check an amount limit error. By setting the LC, an amount entry (due perhaps to a mistake by the operator) will be prevented at the earliest stage (i.e. an error will result on entering an excessive amount through the department key).

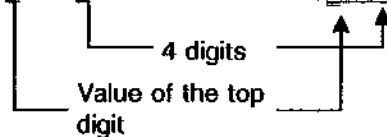
CONDITION Any time outside a sale

OPERATION Mode Lock : **SET** / GT Lock : Neutral



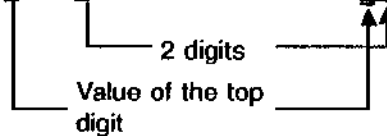
* HALC High Amount Listing Capacity (to be set in a 2-digit code.)

ex.) | 3 | | 4 | indicate \$39.99 equal to or smaller than \$39.99



* LALC Low Amount Listing Capacity (to be set in a 2-digit code.)

ex.) | 2 | | 2 | indicates \$0.29 larger than \$0.29



ex.) To set the following LCs.
Individual LCs (HALC \$39.99, LALC \$0.29) for Dept. 3.
Common LCs (HALC \$99.99, LALC \$0.19).

Mode Lock to **SET**, enter 8, depress **[@/FOR]**,
3422 **[DEPT 3]** 9412 **[AT/TL]**.

- NOTES :**
1. If the individual LC of a department is set, it prevails over the common listing capacity.
 2. To reset a listing capacity, enter 00 before the **[DEPT]** key or the **[AT/TL]** key in the above operation.

TEC STORE	
1343 PEACH DRIVE	
PHONE: 87-6437	
Thank you	
Call again	
11-20-90	#0
POB	
03 MEAT	3422
	9412
0034 10:59TM	

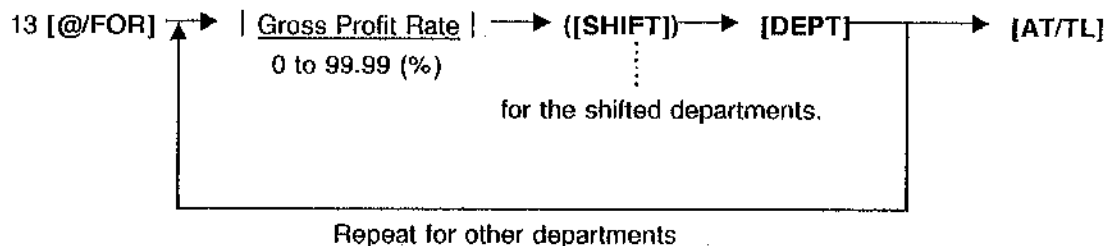
DEPARTMENT GROSS PROFIT RATE PROGRAMMING OR CHANGING (Submode No.13)

CONDITION

Any time outside a sale

OPERATION

Mode Lock : **SET** GT Lock : Neutral



- NOTES :**
1. The fraction resulted from the rate calculation will be discarded.
 2. To cancel the gross profit once set, enter zero as department gross profit rate.

ex.) To set following Gross Profit Rate

Dept 1 10%

Dept 3 20%

Mode Lock to **SET**, enter 13, depress [@/FOR]

Enter 10, depress [DEPT 1]

Enter 20, depress [DEPT 3]

[AT/TL] to end this program.

```

11-20-90 #0

      P 13
01 VEGETABLE      10%
03 MEAT           20%

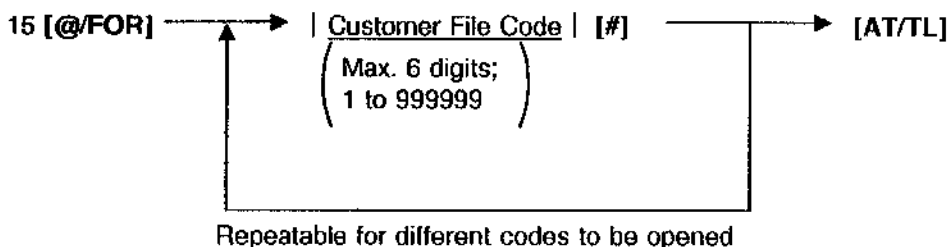
0035 10:59TH
  
```

CUSTOMER FILE CODE (CHECK TRACK NO.) OPENING OR CLOSING (Submode No.15)

CONDITION This program is available only when the "Check Track" option is selected. Programming is allowed any time outside a sale.

OPERATION Mode Lock : SET / GT Lock : Neutral

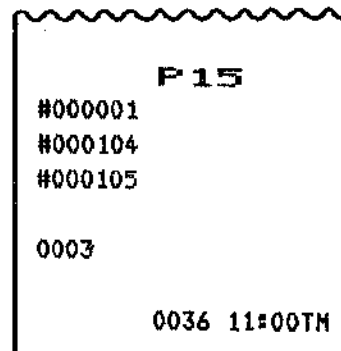
■ Opening :



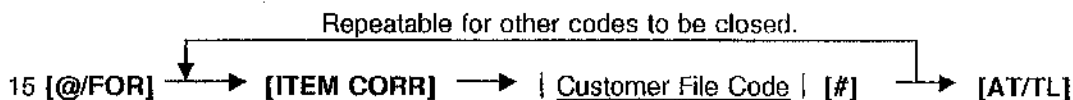
- NOTES :**
1. The Customer File codes that have been opened in this program will be accessed by entering the code and depressing the [PICK UP BAL] key for sale entry in a charge posting operation in the "REG" or "MGR" mode. At this time, the balance of the new customer assigned with the code will show zero which will be printed as the previous balance line item. On finalizing the sale, the new balance will be printed at the bottom of the receipt, which will be stored in the same Customer File Code memory area. Thus the operator always uses the [PICK UP BAL] key for both starting a new customer's account and recalling the customer's balance.
 2. If all the opened Customer File codes are used up and a new customer file code is required to be opened during the business hours, the [CODE OPEN] key may be used. When a new code is entered, followed by [CODE OPEN], the code is printed as the previous balance line item with the balance zero on the receipt, and at the same time, the code is added to the list of the Customer File Codes opened in the above "SET" mode operation. However, the use of the [CODE OPEN] key can be programmed to require Manager intervention, which can control the operator's opening of a new customer file code outside the list of Customer File Codes pre-opened in the "SET" mode.
 3. A maximum of 1000 Customer File Codes may be opened (max. 1000 fixed).

ex.) To open the following customer file codes.

<u>Code to be opened</u>	<u>Mode Lock to SET</u>
1	15 [@ / FOR]
104	1 [#]
105	104 [#]
	105 [#]
	[AT / TL]



■ Closing :



NOTE : If the balance of the closed is not zero, the Transfer memory of the code will automatically be adjusted to zero. In this case, the previous balance to be reset will be printed at the same time.

ex.) To close the following Customer File Code that have once been opened:

<u>Code to be closed</u>	Mode Lock to SET
104	15 [@/FOR] [ITEM CORR] 104 [#] [AT/TL]

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #0

P 15

#000104 0.00

0002

0037 11:00TH

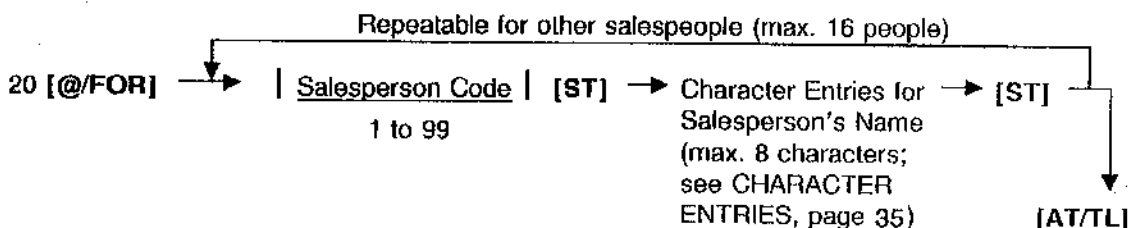
SALESPERSON CODE AND NAME PROGRAMMING AND DELETION (Submode No.20)

By programming Salesperson Codes here, those codes may be used in sales entries. In addition, the name of each salesperson can be programmed in maximum 8 characters.

■ Programming

CONDITION Any time outside a sale (for programming a new code and name, or for only changing the name)

OPERATION Mode Lock: **SET** / GT Lock: Neutral



- NOTES:**
1. A maximum of 8 regular-sized or 4 double-sized characters may be programmed for a name. A combination of both types is also available.
 2. If no name is programmed (i.e. skipping the Character Entries before the second [ST] key) for a Salesperson Code, that code may be used in sales entries. However, auto-preset ID symbol "SPxx" (xx is the Salesperson Code) will be printed instead of a name in this case, for his/ her ID in receipt print, etc.

ex.) To program the following Salesperson Codes and names:

Code	Name	Mode Lock to SET.
1	White	20 [@/FOR] 1 [ST] (Salesperson Code 1) 507 [#] (W) 608 [#] (h) 609 [#] (i) 704 [#] (t) 605 [#] (e) [ST]
2	Stacy	2 [ST] (Salesperson Code 2) 503 [#] (S) 704 [#] (t) 601 [#] (a) 603 [#] (c) 709 [#] (y) [ST]
3	Mehl	3 [ST] (Salesperson Code 3) 413 [#] (M) 605 [#] (e) 608 [#] (h) 612 [#] (l) [ST]

[AT/TL]

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
Call again

11-20-90 #0

P20

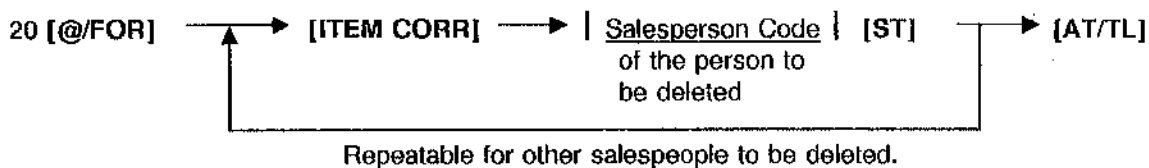
01 White
02 Stacy
03 Mehl

0038 11:01TM

■ Deletion

CONDITION After Daily Salesperson Reset.

OPERATION Mode Lock: **SET** / GT Lock: Neutral



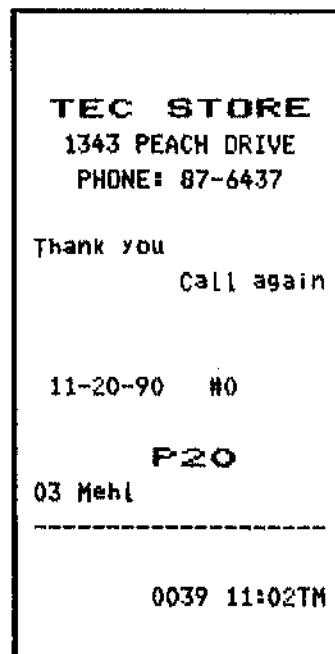
NOTE: When a Salesperson Code is deleted in the above operation, no entries using that code will be accepted until the code is again opened in the "Programming" operation already described.

ex.) To delete Salesperson Code 3 (name "Mehl") that has once been programmed:

Mode Lock to **SET**, 20 **[@/FOR]**

[ITEM CORR] 3 [ST]

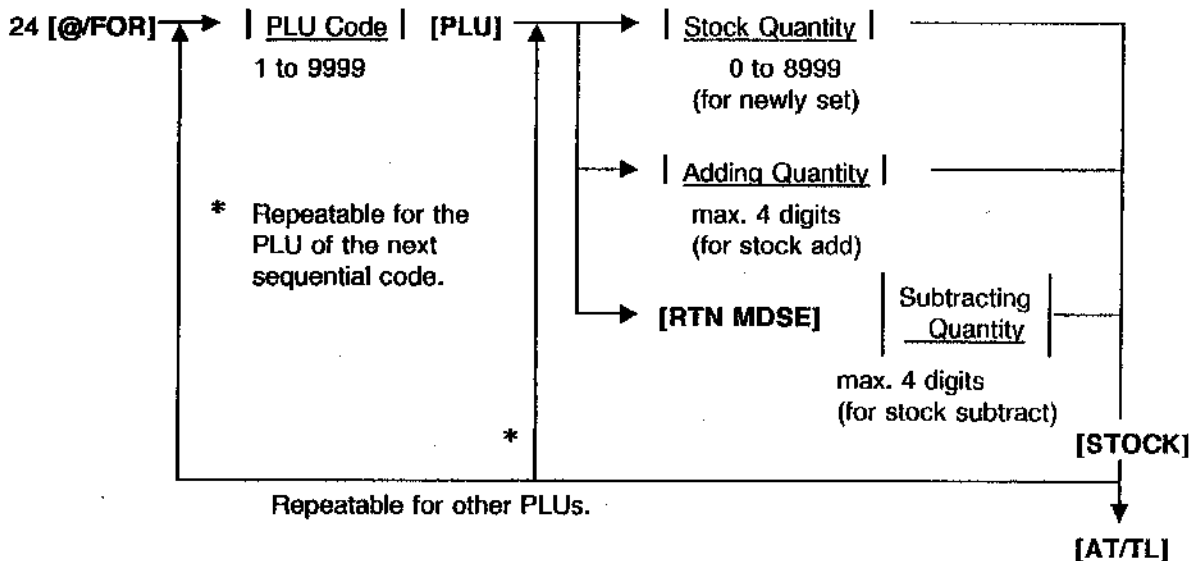
[AT/TL]



PLU STOCK QUANTITY PROGRAMMING OR CHANGING (Submode No.24)

This programming is available for only PLUs for which the stock function active has been selected by "PLU TABLE PROGRAMMING OR CHANGING (Submode No.4)

- CONDITION** Any time outside a sale
- OPERATION** Mode Lock: SET

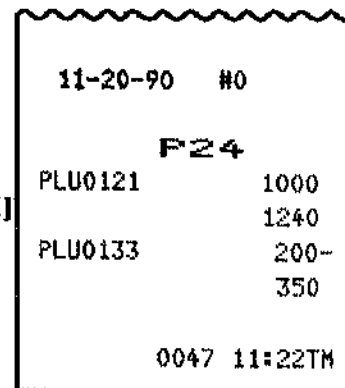


- NOTES :**
1. On the " | PLU Code | [PLU]" entry, the current stock quantity is displayed.
 2. The total stock quantity of a PLU after addition or subtraction must not exceed the value range from 8999 through -1000.
 3. The PLU code here must exist in the PLU Table and must be set PLU stock-process status.

ex.) To change the stock quantities of the following PLUs :
(Presumed that PLU 121 is stocked of 240 and PLU 133 is stocked of 550.)

PLU Code	Stock Change
121	Add 1000
133	Subtract 200

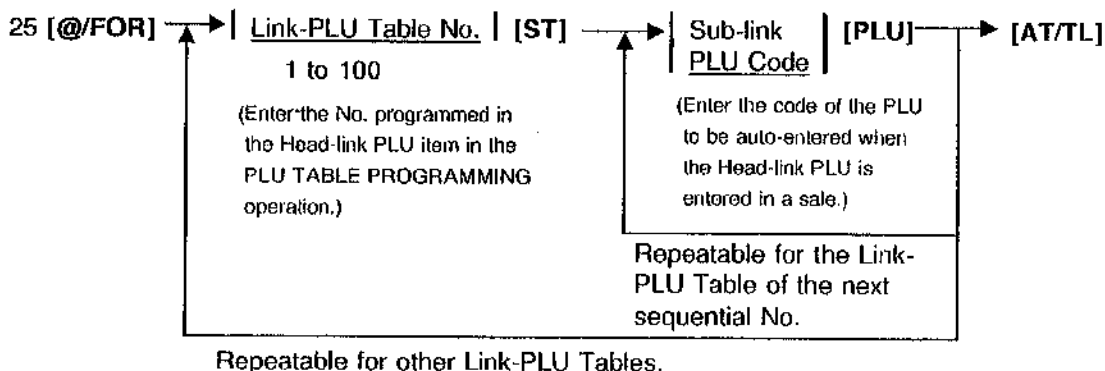
Mode Lock to SET
 24 [AT/TL]
 121 [PLU] 1000 [STOCK]
 133 [PLU] [RTN MDSE]
 200 [STOCK]
 [AT/TL] to end.



LINK-PLU TABLE PROGRAMMING (Submode No.25)

This operation will program Link-PLU Tables and their respective Sub-link PLUs. When a PLU is programmed with a Link-PLU Table No. (PLU TABLE PROGRAMMING, Submode No.4), an entry of the PLU will automatically enter the Sub-link PLU that is programmed in the Link-PLU Table No.

- CONDITION** Any time outside a sale
- OPERATION** Mode Lock: **SET** / GT Lock: Neutral

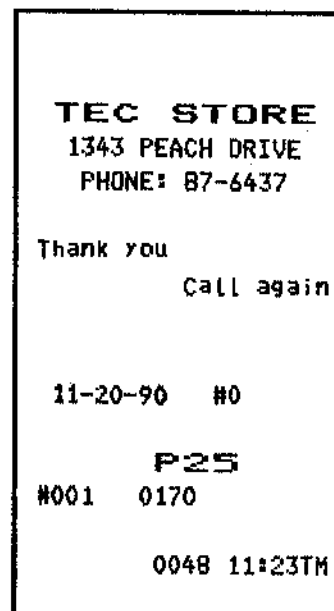


ex.) To set the following Link-PLU Table and its Sub-link PLU:

<u>Link-PLU Table No.</u>	<u>Sub-link PLU Code</u>
1	170

Mode Lock to **SET**, 25 [@/FOR].
1 [ST] 170 [PLU] [AT/TL]

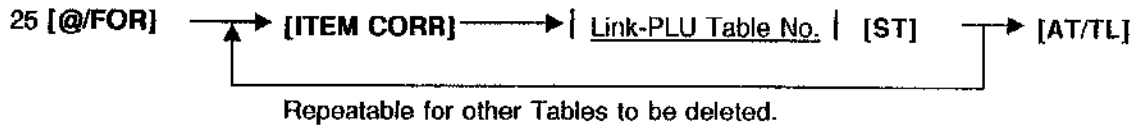
NOTE: In this example, Link-PLU Table No.1 has already been set in PLU 157 (Coke Small-B) and PLU 163 (7-up Small-B) as Head-link items in the PLU PROGRAMMING operation. The Sub-link PLU 170 here has been programmed as a bottle-deposit PLU (Small-Btl Depo) in the same operation.



■ **Deletion of Link-PLU Tables**

CONDITION Any time outside a sale

OPERATION Mode Lock: **SET** / GT Lock: Neutral



ex.) To delete Link-PLU Table No.10 :

Mode Lock to **SET**, 25 [@/FOR].

[ITEM CORR] 10 [ST] [AT/TL]

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #0

 P25

#010 0777

0051 11:30TH

TARE TABLE SETTING (Submode No.26)

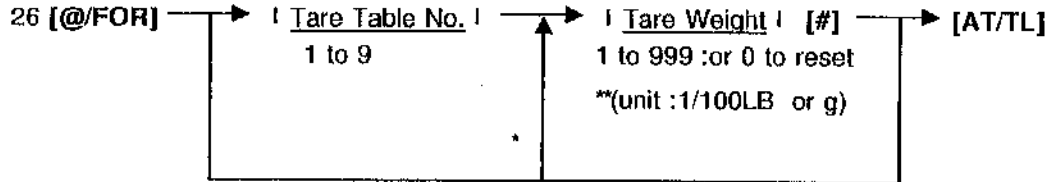
This operation will program the tare table No. to automatically subtract the tare weight from the scaled weight.

CONDITION

Any time outside a sale

OPERATION

Mode Lock : **SET** / GT Lock : Neutral



Repeatable for other Tare Tables

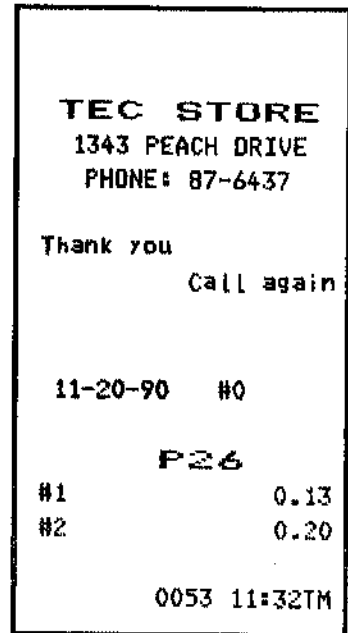
* (Repeatable from here if the Table No. is sequential from the previous one.)

** ex.) Enter 13 for 0.13LB.
Enter 25 for 25 g.
(The unit selection, LB or g, is determined by a programming option.)

ex.) To set the followings :
Tare Table No.1 with tare weight 0.13LB,
Tare Table No.2 with tare weight 0.20LB.

Mode Lock to **SET**, 26 [@/FOR]

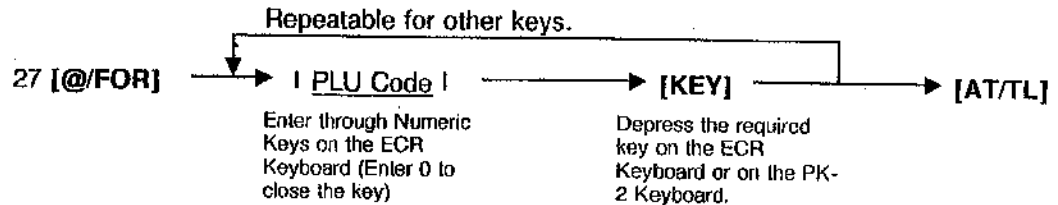
1 [ST] 13 [#]
(2 [ST]) 20 [#] [AT/TL]



PLU PRESET-CODE KEY SETTING (Submode No.27)

When there are any keys programmed as PLU Preset-code Keys on the ECR Keyboard, and/or when the PLU Keyboard PK-2 (hardware option) is connected to the ECR, a PLU code may be preset to each of those keys in this operation.

- CONDITION** Any time outside a sale
- OPERATION** Mode Lock : SET / GT Lock : Neutral



- NOTES :**
1. If the PLU Code entry is skipped and a [KEY] is simply depressed in the above sequence, the preprogrammed PLU Code of the KEY will be displayed.
 2. A non-opened PLU Code (i.e. PLU non-existent in the PLU table file) can be set on a KEY; however, pressing the KEY in sale entries will result in an error unless the code is opened in the PLU TABLE PROGRAMMING operation, Submode No.4.
 3. If "0" is entered as PLU Code in the above sequence, the KEY will be closed. Pressing the closed KEY in sale entry will not be processed.

ex) To set the following PLU Codes to the following KEYS on the ECR keyboard and/or on the PLU Keyboard respectively :

Mode Lock to SET.
27 [@/FOR]

PLU Code	(Enter through Numeric Keys on ECR Keyboard)	(Depress the required KEY on ECR or PLU Keyboard)
3	3	[required key]
5	5	[required key]
	[AT/TL]	

Location Code (left side); refer to REMARKS 1 and 2 on the next page.
PLU Code assigned to the key (right side)

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
Call again

11-20-90 #3001

P27

#001	0003
#002	0005

0104 13:00TM

PK-2 KEYBOARD

1	11	21	31	41	51	61	71	81	91	101	111	121
2	12	22	32	42	52	62	72	82	92	102	112	122
3	13	23	33	43	53	63	73	83	93	103	113	123
4	14	24	34	44	54	64	74	84	94	104	114	124
5	15	25	35	45	55	65	75	85	95	105	115	125
6	16	26	36	46	56	66	76	86	96	106	116	126
7	17	27	37	47	57	67	77	87	97	107	117	127
8	18	28	38	48	58	68	78	88	98	108	118	128
9	19	29	39	49	59	69	79	89	99	109	119	129
10	20	30	40	50	60	70	80	90	100	110	120	130

REMARKS 1. The Nos 1 through 130 marked on the PK-2 Keyboard are the KEY Nos to be printed on the left side of the program receipt issued in the operation on the preceding page. If each KEY is not set with a PLU Code, the auto-preset PLU Code identical to the initial KEY No. in the above figure will be active as its preset PLU Code

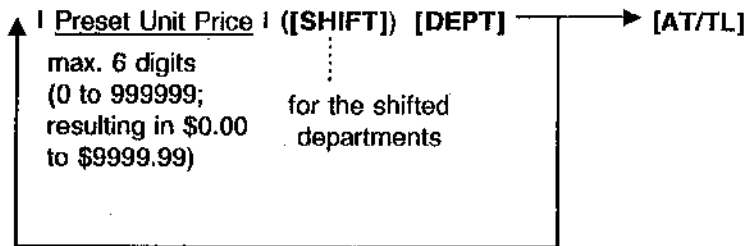
ex.) KEY No.1 ... PLU Code 1
KEY No.130... PLU Code 130

2. When a PLU code is assigned to a PLU Preset-code Key on the ECR Keyboard in the operation on the preceding page, the Hardware Key Code which indicates the absolute location of the key will be printed to the left of the assigned PLU Code. Since it is hard to explain which location code corresponds to each key (due to an irregular numbering), it is suggested to verify the positioning by simply depressing the KEY and reading the code in the display (described in NOTE 1 on the preceding page). This reading operation is applied to the PK-2 Keyboard as well.

DEPARTMENT PRESET PRICE SETTING OR CHANGING

CONDITION Any time outside a sale

OPERATION Mode Lock : **SET** / GT Lock : Neutral



Repeatable for other departments.

NOTE : When the "Preset Unit Price" is skipped and only the **([SHIFT]) [DEPT]** key(s) is(are) depressed in the above operation sequence, the department will be an open-price department (i.e. amount entry is always required before the **([SHIFT]) [DEPT]** key(s).)

ex.) To set Preset Unit Price \$2.50 to Dept. 2, and \$1.40 to Dept. 3:

Mode Lock to **SET**,
Enter 250, depress **[DEPT 2]**.
Enter 140, depress **[DEPT 3]**.
[AT/TL] to end.

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
Call again

11-20-90 #0

P

02 FRUIT	2.50
03 MEAT	1.40

0059 11:39TM

ex.) To reset the Preset Unit Price (\$1.40) of Dept. 3 that was once set (i.e. to change it into an open-price department) :

Mode Lock to **SET**,
Simply depress **[DEPT 3]**.
[AT/TL] to end.

11-20-90 #0

P

03 MEAT	
---------	--

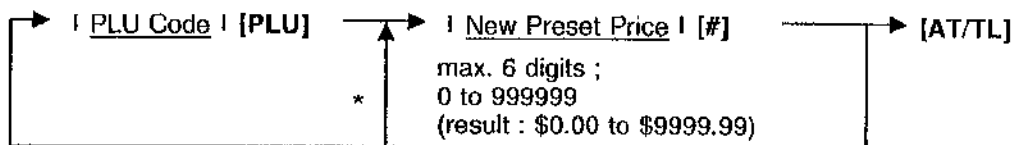
0060 11:39TM

PLU PRESET PRICE CHANGING, WHOLE PACKAGE QUANTITY CHANGING

■ Changing Preset Price

CONDITION Any time outside a sale

OPERATION Mode Lock : SET / GT Lock : Neutral



Repeatable for other PLUs.

(* Repeatable from here if the PLU Code is sequential.)

- NOTES :** 1) Entering 0 (zero) as New Preset Price will preset the price of \$0.00.
 2) In this operation, changes of the linked department or programming additional PLUs etc. are not possible.

ex.) To change the preset price of PLU No. 5 (previously programmed with \$0.80 as the preset price) to the new price of \$0.75 :

Mode Lock to **SET**,

Enter 5, depress **[PLU]**.

Enter 75, depress **[#]**.

Depress **[AT/TL]** to end this program.

```

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

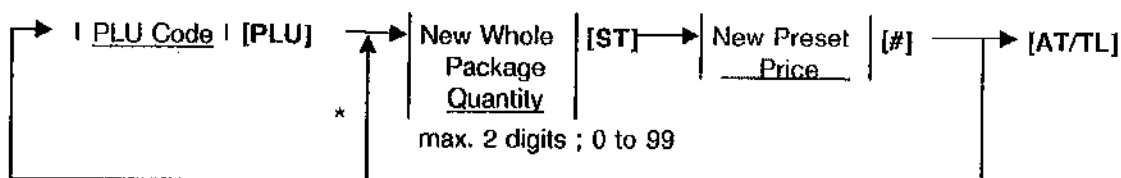
Thank you
          Call again

11-20-90  #0

P
Potato
PLU0005      0.75

0061 11:39TH
  
```

■ **Changing the Whole Package Quantity (and the Price accordingly)**
 (applicable to PLUs of Split Package Pricing type)



Repeatable for other PLUs.

* (Repeatable from here if the PLU Code is sequential from the previous one.)

ex.) . To change PLU No. 24 (previously programmed four-pack with \$0.90) to three-pack with \$0.40 :

Mode Lock to **SET**,

24 [PLU] 3 [ST] 40 [#]

[AT/TL] to end this programming.

```

  TEC STORE
  1343 PEACH DRIVE
  PHONE: 87-6437

  Thank you
  Call again

  11-20-90 #0

  P
  Apple
  PLU0024 /03 0.40

  0062 11:41TM
  
```

% + AND %- PRESET RATE SETTING

A preset rate may be set on each of the [% +] and [%-] key, one independent rate for each key. Once a rate is preset, the % key only will be depressed without a prior rate entry to activate the preset rate. If a rate is entered prior to the depression of the key, the entered rate (manual rate) will be activated instead.

CONDITION

Any time outside a sale

OPERATION

Mode Lock : **SET** / GT Lock : Neutral

| Preset % Rate | [% +] (For Percent Charge
Preset Rate)

(0.001 to 99.999(%); use the [.] key if a
decimal portion is contained.)

| Preset % Rate | [%-] (For Percent Discount
Preset Rate)

ex.) To set 10% on [% +] Key :

Mode Lock to **SET**, enter 10, depress [% +].

ex.) To set 5% on [%-] Key :

Mode Lock to **SET**, enter 5, depress [%-].

To reset the rate once set :

Mode Lock : **SET**,
Enter 0, depress the required % key.

(Then the % key will always require a
manual rate entry in sales entries.)

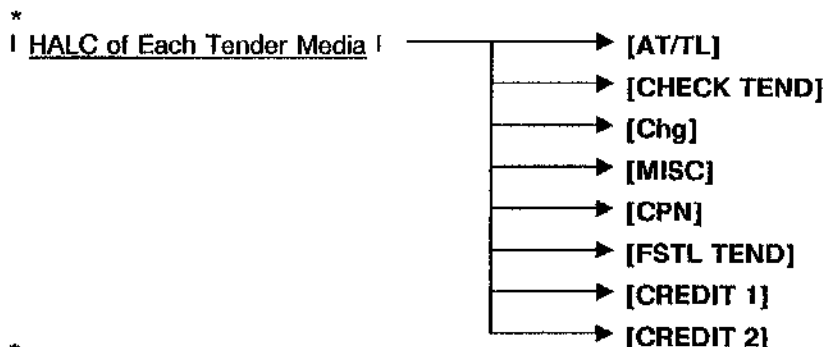
NOTE : When two [% +] Keys or [%-] keys are
installed on keyboard, two different % rates
(one for each) may be preset, in the same
manner as described above.

<p>TEC STORE 1343 PEACH DRIVE PHONE: 87-6437</p>	
<p>Thank you Call again</p>	
T 1	11-20-90 #0
Tha	F 10%
	0063 11:41TM
	11-20-90 #0
Z-	F 5%
	0064 11:41TM

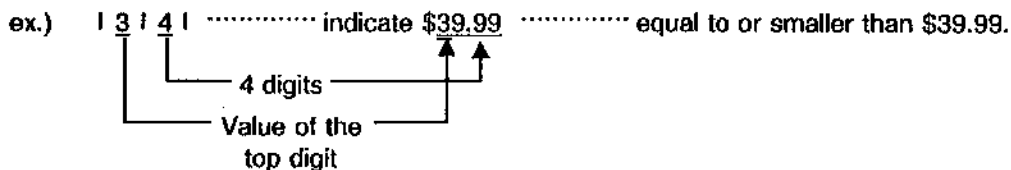
LISTING CAPACITY SETTING FOR TENDER MEDIAS

CONDITION After Financial Daily Reset

OPERATION Mode Lock : SET



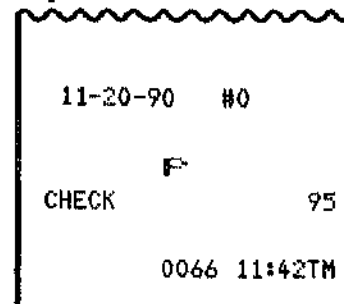
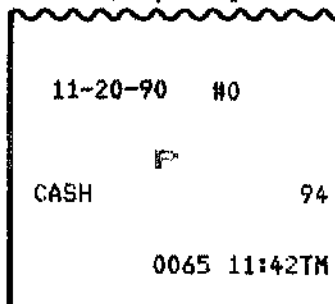
* HALC High Amount Listing Capacity (to be set in a 2-digit code)



- NOTES :**
1. To reset an individual media listing capacity, enter 0 before media key depression in the above operation.
 2. The HALC of each tender media is effective only when the media key is used for tendering but not when it is used as Total key.
 3. The listing capacity is cleared in "MGR" mode. It can also be cleared by the [LC OPEN] (or [OPEN]) key.

ex.) To set HALCs as in the following :

Table	Key Operation
\$99.99 [AT/TL]	Mode Lock to SET. Enter 94, depress [AT/TL].
\$999.99 [CHECK TEND]	Enter 95, depress [CHECK TEND].



PRESET RATE SETTING FOR SELECTIVE ITEMIZERS (SI1 and SI2)

If any of [SI1/TL] (or [SI/TL]) and [SI2/TL] keys are installed on the keyboard, a preset rate may be programmed on each key.

As to the functions and applications of the Selective Itemizers, refer to the description on the next page.

CONDITION	Any time outside a sale
OPERATION	Mode Lock: SET / GT Lock: Neutral

| Preset SI 1 % Rate | [SI1/TL]
(or [SI/TL])

(0.01 to 99.99(%); use the [.] key
if a decimal portion is contained.)

| Preset SI 2 % Rate | [SI2/TL]

(On a Single-SI machine, only one Selective Itemizer Total Key is installed and labeled as "[SI/TL]". On a dual-SI machine, two keys, labeled as "[SI1/TL]" and "[SI2/TL]", are installed.)

- NOTES :**
1. *Whether the calculated amount by the preset SI % rate affects (i.e. add to or subtract from) the sale total is determined by a system option status selection.*
 2. *To reset the rate once set, enter 0 as the rate. (Then the rate is regarded as 100% if the option "Non-affect" is selected. With the option "SI Affects Sale Total", some rate other than "0" should be programmed.)*

ex.) To set 7% as SI1 preset % rate:
Mode Lock to **SET**,
7 [SI1/TL].

TEC STORE	
1343 PEACH DRIVE	
PHONE: 87-6437	
Thank you	
Call again	
11-20-90	#0
SI1 TL	7%
0067 11846TM	

■ Selective Itemizer Functions and Applications

The "Selective Itemizer" is a temporary total memory for each sale and is activated separately from the Main Itemizer (i.e. sale total memory). If certain Department or PLU items are programmed with the SI (selective itemizer) "net" status, the Selective Itemizer will function to add up amounts of the SI-net-status items in registering the items, while the Main Itemizer will function to add up all the items in the sale. Thus, near the sale finalization, the operator may read the SI content by depressing the [SI/TL] key.

A preset % rate may be programmed for each of SI1 and SI2 (on the previous page), and whether the calculated amount will add to, subtract from, or non-affect the sale total is a selective option. Whether the amount resulted by depressing the [SI/TL] key will print or non-print is another selective option.

The applications of this function may vary from store to store. Some stores may use it for counting the service stamps to be issued to the customers according to the sale amount of service-stampable items. In this case, the option "SI Total Non-affects Sale Total" should be selected, and a preset % rate, 1% for example, may be set to issue one service stamp for every \$1.00. Thus the number of stamps to be issued to the customer is displayed (and printed if so programmed) as a result of calculation with the preset % rate, but the resulted value (the number of stamps in this case) will not affect the sale total.

Example 1) With option "SI Total Non-affects Sale Total":

Key Operation in "REG" Mode

100 [DEPT 5] (SI-net)
150 [DEPT 1] (non-SI)
200 [DEPT 6] (SI-net)
[SI/TL] (1% SI preset)
[AT/TL]

Receipt/Journal Print

DAIRY	1.00TF	SI-net Depts
VEGETABLE	1.50TF	
BAKERY	2.00TF	
SI1 TL	0.03	Number of Stamps to be issued
TAX	0.27	
CASH	4.77	

Dept.5 and Dept.6 are programmed with SI-net-status. On depressing [SI/TL], "0.03" (which is 1% of total amount of Dept.5 "1.00" + Dept.6 "2.00") is displayed and printed, and 3 stamps are to be issued to the customer in this case. The sale total "4.77" is not affected by the SI calculation.

Other stores may use it for calculating the discount amount for certain sales items during a special discount sales period by presetting the discount % rate on the SI and programming SI-net-status to certain Departments and PLUs which are subject to the special discount.

Example 2) With option "SI Special Discount":

Key Operation in "REG" Mode

100 [DEPT 5] (SI-net)
150 [DEPT 1] (non-SI)
200 [DEPT 6] (SI-net)
[SI/TL] (10% SI preset)
[AT/TL]

Receipt/Journal Print

DAIRY	1.00TF	SI-net Depts
VEGETABLE	1.50TF	
BAKERY	2.00TF	
SI1 TL	-0.30	Discount Amount resulted by SI % preset
TAX	0.27	
CASH	4.47	

On depressing [SI/TL], "-0.30" (which is 10% discount from the total amount of Dept.5 + Dept.6 items) is displayed and printed, and that amount is subtracted from the sale total. (4.77-0.30=4.47)

FOREIGN CURRENCY EXCHANGE RATE SETTING

In this program, the rate of each foreign currencies (corresponding to the [CUR1] to [CUR4] keys) will be set. By setting a rate on each Foreign Currency Key, reading the sale total and tendering in the foreign currency value will be possible for sale finalization.

CONDITION

Any time outside a sale

OPERATION

Mode Lock: SET / GT Lock: Neutral

| Exchange Rate for Foreign Currency 1 | → [CUR1]
 0.000001 to 9999.999999
 (Use the [,] key if decimal portion is
 contained in the rate.)

| Exchange Rate for Foreign Currency 4 | → [CUR4]

As for how to calculate the Exchange Rate, see the description below.

■ Foreign Currency Exchange Rate Calculation

1. The rate must be calculated in the subsidiary currency unit values for both the domestic and the foreign currencies. (In case of calculating the rate from the domestic to a foreign currency with the same zero-suppress form, such as from US \$ to French Franc, it will be no problem even if it is calculated in the main currency of \$ and Franc. However, in case of exchanging from a domestic currency such as \$ or Franc to Japanese yen or Italian Lira, or vice versa, this rule must be obeyed; otherwise a wrong rate will result.)
2. Calculate the required foreign currency value equivalent to the domestic currency value "1". Then the obtained value is the Exchange Rate value to be entered in the setting operation stated above.

If the domestic currency is US \$:

1¢ = xxxx.xxxxxx centimes (French Franc)
 = xxxx.xxxxxx pfennigs (Deutsche Mark)
 = xxxx.xxxxxx yen (Japanese yen)

Enter this value as the foreign currency rate.

ex). To set three foreign currency rates:

Domestic Currency US \$
 Assigning [CUR 1] French Franc
 [CUR 2] Deutsche Mark
 [CUR 3] Japanese yen

Conditions given for Domestic Currency and Foreign Currencies

(The rates here are merely examples, and may be different from the actual rates currently in effect.)

(DOMESTIC)	(CUR1)	(CUR2)	(CUR3)	
U.S. Dollar	French Franc	Deutsche Mark	Japanese Yen	
↓	↓	↓	↓	
\$1.00	= Fr5.3729	= DM1.7619	= ¥ 145.50	..... in Main Currency Values
↓	↓	↓	↓	
1 cent	= 5.3729 centimes	= 1.7619 pfennigs	= 1.4550 yen	..... in Subsidiary Currency Values (Enter these values for setting.)

Key Operation for setting the rates above

Mode Lock to SET.

- 5 [.] 3729 [CUR1] (for French Franc)
- 1 [.] 7619 [CUR2] (for Deutsche Mark)
- 1 [.] 4550 [CUR3] (for Japanese yen)

■ **Resetting a Foreign Currency Rate Once Set :**

Enter "0" in place of the Exchange Rate for the Foreign Currency in the setting operation. Then the rate for that foreign currency will be reset. The Foreign Currency Key of the rate thus reset cannot be used in sales entries.

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 H0

P

CUR1 5.3729*

0068 11:47TM

P

CUR2 1.7619*

0069 11:48TM

P

CUR3 1.455*

0070 11:49TM

VENDOR COUPON LIMIT AMOUNT SETTING

CONDITION Any time outside a sale

OPERATION Mode Lock : **SET** / GT Lock : Neutral

| Vendor Coupon Limit Amount | → [VND CPN]
 max. 4 digits ; 1 to 9999
 (result : \$ 0.01 to \$99.99)

NOTE : To reset the programmed limit amount,
 enter 0 before the [VND CPN] key.

ex.) To set the Limit Amount of \$30.00 :
 Mode Lock to **SET**, enter 3000, depress
 [VND CPN].

TEC STORE	
1343 PEACH DRIVE	
PHONE: 87-6437	
Thank you	
Call again	
11-20-90	#0
	P
V.CPN	30.00
0071 11:49TM	

DOLLAR DISCOUNT LIMIT AMOUNT SETTING

CONDITION

Any time outside a sale

OPERATION

Mode Lock : **SET** / GT Lock : Neutral

| Dollar Discount Limit Amount | → **[DOLL DISC]**
 max. 4 digits ; 1 to 9999
 (result : \$ 0.01 to \$99.99)

NOTE : To reset the programmed limit amount,
 enter 0 before the **[DOLL DISC]** key.

ex.) To set the Limit Amount of \$5.00 :
 Mode Lock to **SET**, enter 500, depress
[DOLL DISC].

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #0

F

DISC 5.00

0072 11:50TM

BOTTLE RETURN LIMIT AMOUNT SETTING

CONDITION

Any time outside a sale

OPERATION

Mode Lock : **SET** / GT Lock : Neutral

| Bottle Return Limit Amount | —————> [BTL RTN]
 max. 4 digits : 1 to 9999
 (result : \$ 0.01 to \$99.99)

NOTE : *To reset the programmed limit amount, enter 0 before the [BTL RTN] key.*

ex.) To set the Limit Amount of \$20.00 :
 Mode Lock to **SET**, enter 2000, depress [BTL RTN].

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #0

P
 BTR 20.00

0073 11:50TM

STORE COUPON LIMIT AMOUNT SETTING

CONDITION

Any time outside a sale

OPERATION

Mode Lock : **SET** / GT Lock : Neutral

| Store Coupon Limit Amount | → [STR CPN]

max. 4 digits : 1 to 9999
(result : \$ 0.01 to \$99.99)

NOTE : To reset the programmed limit amount,
enter 0 before the [STR CPN] key.

ex.) To set the Limit Amount of \$25.00 :
Mode Lock to **SET**, enter 2500, depress
[STR CPN].

TEC STORE	
1343 PEACH DRIVE	
PHONE: 87-6437	
Thank you	
Call again	
11-20-90	NO
	P
S.CPN	25.00
0074 11:50TH	

6. VERIFICATION OF PROGRAMMED DATA

The programmed data entered in the previous "SET" mode operations may be read for the verification purpose.

CONDITION	Any time outside a sale
OPERATION	Mode Lock: X / GT Lock: Neutral

Cashier Keys or Signing Status: **Signed-OFF** condition required (See NOTE below.)
Follow the operation for each reading below:

(READ CONTENTS)	(KEY OPERATION)	(SAMPLE PAGE)
DEPARTMENT PRESET PRICE READ	1 [ST]	81
DEPARTMENT TABLE READ	2 [ST]	81
ALL PLU TABLE READ	3 [ST]	82
ZONE PLU TABLE READ .....	| <u>Zone-start PLU Code</u> | [ @/FOR ] | <u>Zone-end PLU Code</u> | [ST]	82
OTHER PROGRAM DATA READ	4 [ST]	83
USER SYSTEM OPTION READ	5 [ST]	83
LINK-PLU TABLE READ	6 [ST]	84
TARE TABLE READ	7 [ST]	84
CASHIER AND SALESPERSON		
NAME READ	8 [ST]	85
PLU KEYBOARD (PK-2)		
PRESET-CODE READ	10 [ST]	85
TAX CALCULATION TEST .....	| <u>Amount</u> | [TXBL TL]	86

NOTE: In CASHIER SIGNING Method, the ECR must be in a Signed-OFF condition.

In CASHIER KEY Method, a Cashier Key may or may not be set to ON status. If a Cashier Key is set to ON status, the Cashier Name is printed on the reading receipt.

DEPARTMENT PRESET PRICE READ
Mode Lock: X, 1 [ST]

DEPARTMENT TABLE READ
Mode Lock: X, 2 [ST]

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
Call again

11-20-90 #3001

PX01

01 VEGETABLE
02 FRUIT 2.50
03 MEAT
04 FISH
05 DAIRY
06 BAKERY
07 CAN FOOD
08 BTL FOOD
09 DRINK
10 BTL DEPD
11 SNACK
12 SPICE
13 DP13
14 DP14
15 DP15

0082 11:50TM

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
Call again

11-20-90 #3001

PX02

01	VEGETABLE	2	0000	
01	00	10.00%		
02	FRUIT	2	0000	
01	00	00.00%	1	
03	MEAT	2	3422	HALC
02	00	20.00%	1	LALC
04	FISH	2	0000	
02	00	00.00%	1	Single Item and/or Other Income Status
05	DAIRY	2	0000	
03	00	00.00%	I 1	1: Single Item 2: Itemized Item 4: Other Income 5: Single Item & Other Income
06	BAKERY	2	0000	
04	00	00.00%	I 1	
07	CAN FOOD	2	0000	
05	00	00.00%	I 21	Status Symbol
08	BTL FOOD	2	0000	
05	00	00.00%	I 21	F : Food Stampable I : SI1-net II : SI2-net
09	DRINK	2	0000	
06	10	00.00%	I 21	Tax Status
10	BTL DEPD	2	0000	1 : Taxable 1 2 : Taxable 2 3 : Taxable 3 * "21" indicates Taxable 1 & 2 Status.
06	00	00.00%		
11	SNACK	2	0000	
07	00	00.00%	I 2	
12	SPICE	2	0000	
07	00	00.00%	I 2	
13	DP13	4	0000	
08	00	00.00%		
14	DP14	1	0000	
08	00	00.00%		
15	DP15	2	0000	
08	00	00.00%		Negative Status Symbol

0083 11:50TM

Department Code

Department Name

Gross Profit Rate

Group Code

Preset Price
(Blank for an
open Department)

Sub-link Dept
Code (00 if
no Sub-link)

HALC

LALC

Single Item and/or
Other Income Status
1: Single Item
2: Itemized Item
4: Other Income
5: Single Item &
Other Income

Status Symbol

F : Food Stampable
I : SI1-net
II : SI2-net

Tax Status

1 : Taxable 1
2 : Taxable 2
3 : Taxable 3
* "21" indicates
Taxable 1 & 2 Status.

Negative Status Symbol

ALL PLU TABLE READ

Mode Lock: X, 3 [ST]

```

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
      Call again

11-20-90 #3001

PX03
0003 Tomato ←
01 000 / 6    1.00
      F      1
0005 Potato
01 000 / 6    0.75
      F      1
0012 Orange
02 000 / 4    0.75
      F      1

08 000      1.90
      FS I 21
0150 Pickles
08 000 / 0    1.20
      FS I 21
0157 Coke Small-B
09 001 / 0    0.60
      S I 21
0163 7-up Small-B
09 001 / 0    0.60
      S I 21
0170 Small-B Dero
10 001 / 0    0.05
0175 Potato Chips
11 000 / 0    1.50
      S I 2
0183 Nutmeg
12 000 / 0    0.60
      S I 2

0087 11:54TM
    
```

PLU Code

Lined Dept Code

Link-PLU Table No.

PLU Name

Preset Price

Whole Package Quantity

Tax Status

- 1: Taxable 1
- 2: Taxable 2
- 3: Taxable 3

* *21" indicates Taxable 1 & 2 Status.

Status Symbol

- W: Scale-compulsory
- F: Food Stampable
- S: Stock-process
- I: \$11-net
- II: \$12-net

ZONE PLU TABLE READ

Mode Lock: X, | Zone-start PLU Code |

[@/FOR]



| Zone-end PLU Code |

[ST]

```

TEC STORE
1343 PEACH DRIVE
PHONE: 87-6437

Thank you
      Call again

11-20-90 #3001

PX03
0097~0111
0097 Donuts-5
06 000 / 0    1.20
      F I 1
0102 Rye Bread
06 000 / 0    1.20
      F I 1
0111 Hard Rolls-4
06 000 / 0    0.80
      F I 1

0088 12:00TM
    
```

Zone-start PLU Code ~
Zone-end PLU Code

OTHER PROGRAM DATA READ
 (Various Amount Limits, LCs, Preset Rates Read)
 Mode Lock: X, 4 [ST]

USER SYSTEM OPTION READ
 Mode Lock: X, 5 [ST]

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

PX04

Z+	10%	
Z-	5%	
		94.12
CASH		94
CHECK		95
Chg		00
MISC		00
CPN		00
FS TL		00
BTR	20.00	
V.CPN	30.00	
S.CPN	25.00	
DISC	5.00	
SI1 TL	7%	
		0.00
CUR1	5.3729*	
CUR2	1.7619*	
CUR3	1.455*	

0089 12:05TH

Common HALC & LALC
 for all departments

Selective Itemizer
 Preset Rate

Non-taxable Limit Amount

Preset Rate for
 each key

HALC (High Amount
 Listing Capacity) for
 each key

High Amount Limit for
 each key

Foreign Currencies
 Rates

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

PX05

#01	4
#02	25
#03	0
#04	0
#05	0
#06	0
#07	0
#08	0
#09	6
#10	6
#11	6
#12	6
#13	15
#14	0
#15	0
#16	0

0091 12:12TH

Ask your TEC
 representative for
 information of the User
 System Option
 selections for your
 store, if necessary.

LINK-PLU TABLE READ
Mode Lock: X, 6 [ST]

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

PX06

#001 0170

0092 12:12TM

Link-PLU Table No.

#001

PX06

0170

Sub-link PLU Code in the table.

TARE TABLE READ
Mode Lock: X, 7 [ST]

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

PX07

#1	0.13LB
#2	0.20LB
#3	0.00LB
#4	0.00LB
#5	0.00LB
#6	0.00LB
#7	0.00LB
#8	0.00LB
#9	0.00LB

0093 12:13TM

Preset Weight of the Tare Table

Tare Table No.

#1
#2
#3
#4
#5
#6
#7
#8
#9

0.13LB
0.20LB
0.00LB
0.00LB
0.00LB
0.00LB
0.00LB
0.00LB
0.00LB

CASHIER AND SALESPERSON NAME READ

Mode Lock: X,8[ST]

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

PX08

01 JONES ← Cashier's Name
 02 SMITH ← Salesperson's Code
 01 White ← Salesperson's Name
 02 Stacy ← Salesperson's Name

0094 12:13TM

PLU KEYBOARD (PK-2) PRESET-CODE READ

(Mode Lock: X,10 [ST])

TEC STORE
 1343 PEACH DRIVE
 PHONE: 87-6437

Thank you
 Call again

11-20-90 #3001

PX10

0003 Tomato ← PLU Name
 #001 1.00 ← Preset Price
 0005 Potato
 #002 0.75
 0012 Orange
 #003 0.75
 0024 APPLE
 #004 0.40
 0033 Beef
 #005 2.50
 0045 Mutton

0125
 #126 0.45
 0141 Kiwi Jam
 #127 1.90
 0150 Pickles
 #128 1.20
 0175 Potato Chips
 #129 1.50
 0183 Nutmeg
 #130 0.60

0108 13:11TM

Code on PK-2

Cashier Code

PLU Code

Cashier's Name

PLU Name

Salesperson's Code

Preset Price

Salesperson's Name

TAX CALCULATION TEST
(Mode Lock: X)

Enter any amount.



Depress [TXBL TL]

The entered amount
is displayed.The tax amount (Tax 1 + Tax
2 + Tax 3) is displayed,
issuing a receipt with the
entered amount and the tax
amount printed.

NOTE: When your keyboard has a [TXBL TL] key but not an [ST] key (i.e. the [TXBL TL] key is programmed as [ST] with [TXBL TL] function), this TAX CALCULATION TEST will not function.



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