METTLER TOLEDO

8442

Ethernet Scale / Printer

Operator Manual

170285
6/04

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INTRODUCTION

Your new 8442 unit is among the finest precision digital computing scales available. It is simple to use and requires minimum maintenance. These scales come from proud tradition that has made METTLER TOLEDO the worldwide symbol of the highest quality in precision weighing equipment.

Please read these instructions carefully. You will find operating the unit is very simple. In the unlikely event you should experience difficulties, contact your authorized METTLER TOLEDO SERVICE OFFICE listed in the yellow pages of your telephone directory.

Properly used and maintained, your new scale will provide years of accurate weighing with will protect your profits and your customers. Please handle your scale as you would any fine electronic equipment. Information regarding METTLER TOLEDO Technical Training may be obtained by writing to:

METTLER TOLEDO
1900 Polaris Parkway
Columbus, Ohio 43240
(614) 438-4511

FCC Notice

This device complies with Part 15 of the FCC Rules and the Radio Interference Requirements of the Canadian Department of Communications. Operation is subject to the following conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

METTLER TOLEDO RESERVES THE RIGHT TO MAKE REFINEMENTS OR CHANGES WITHOUT NOTICE.

PRECAUTIONS

READ this manual BEFORE operating or servicing this equipment.

FOLLOW these instructions carefully.

SAVE this manual for future reference.

DO NOT allow untrained personnel to operate, clean, inspect, maintain, service, or tamper with this equipment.

ALWAYS DISCONNECT this equipment from the power source before cleaning or performing maintenance.

CALL METTLER TOLEDO for parts, information, and service.

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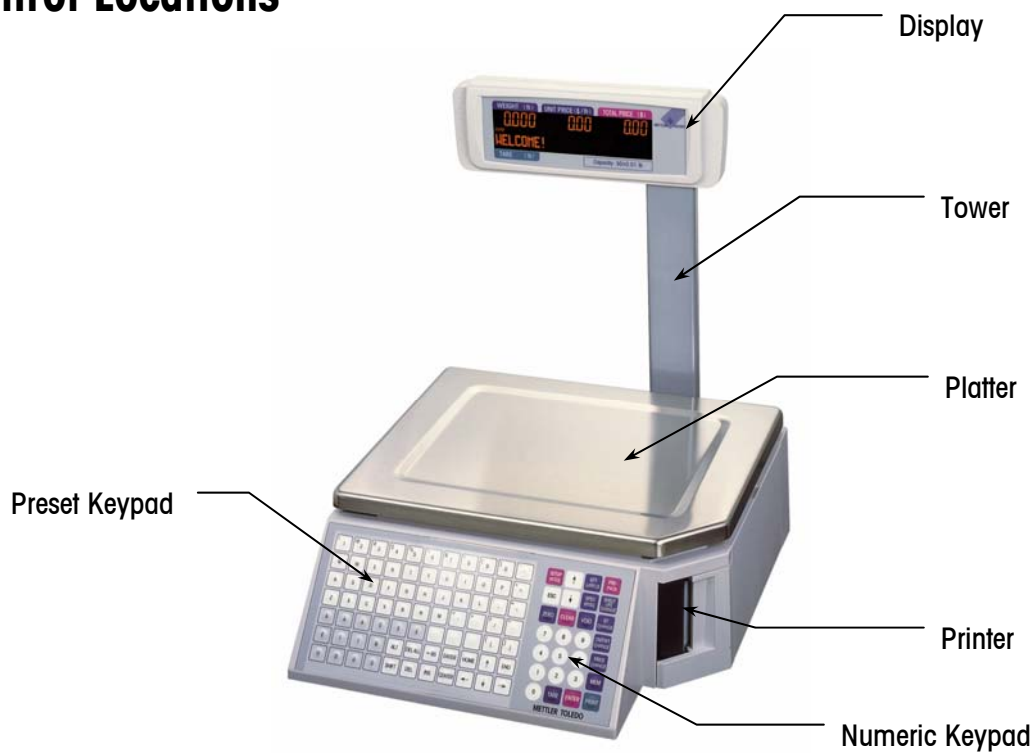
1 Introduction

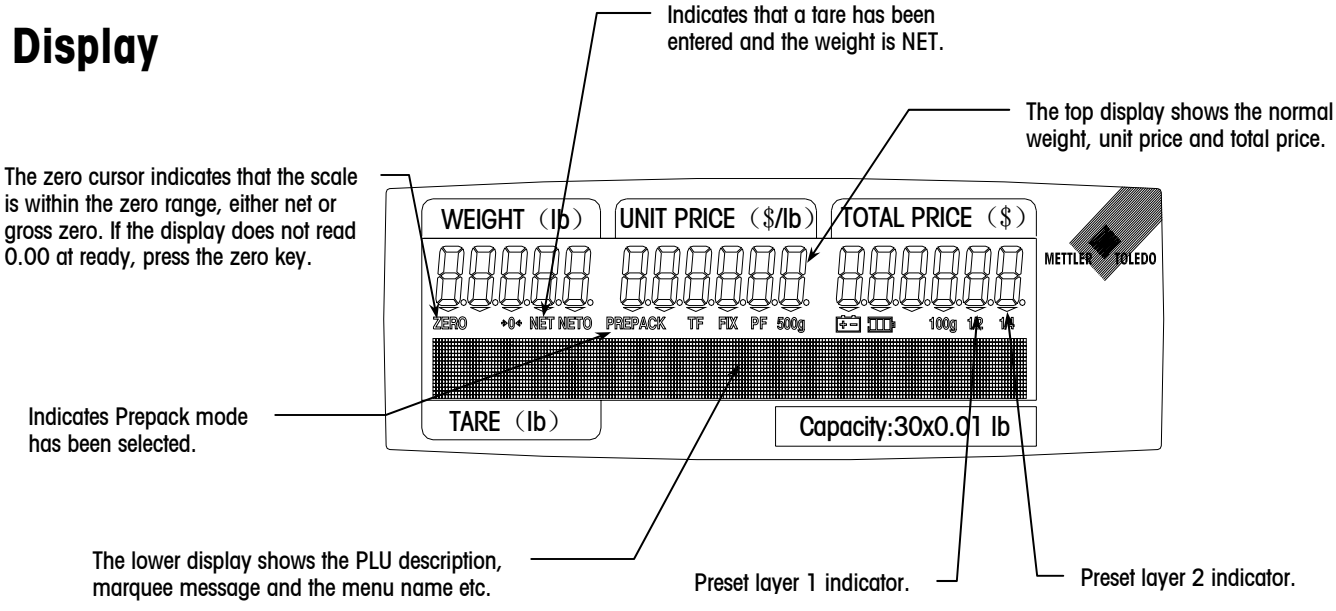
General Description

This manual covers the operating instructions for the model 8442-1611. The METTLER TOLEDO 8442 is a digital computing scale with an integrated thermal label printer. The 8442 is an Ethernet scale, which has a database containing PLU's, Extra Text and etc. A PC program (SPCT) is available to download or upload the database from the PC. The PLU memory can handle up to 5060 items.

Component and Control Locations

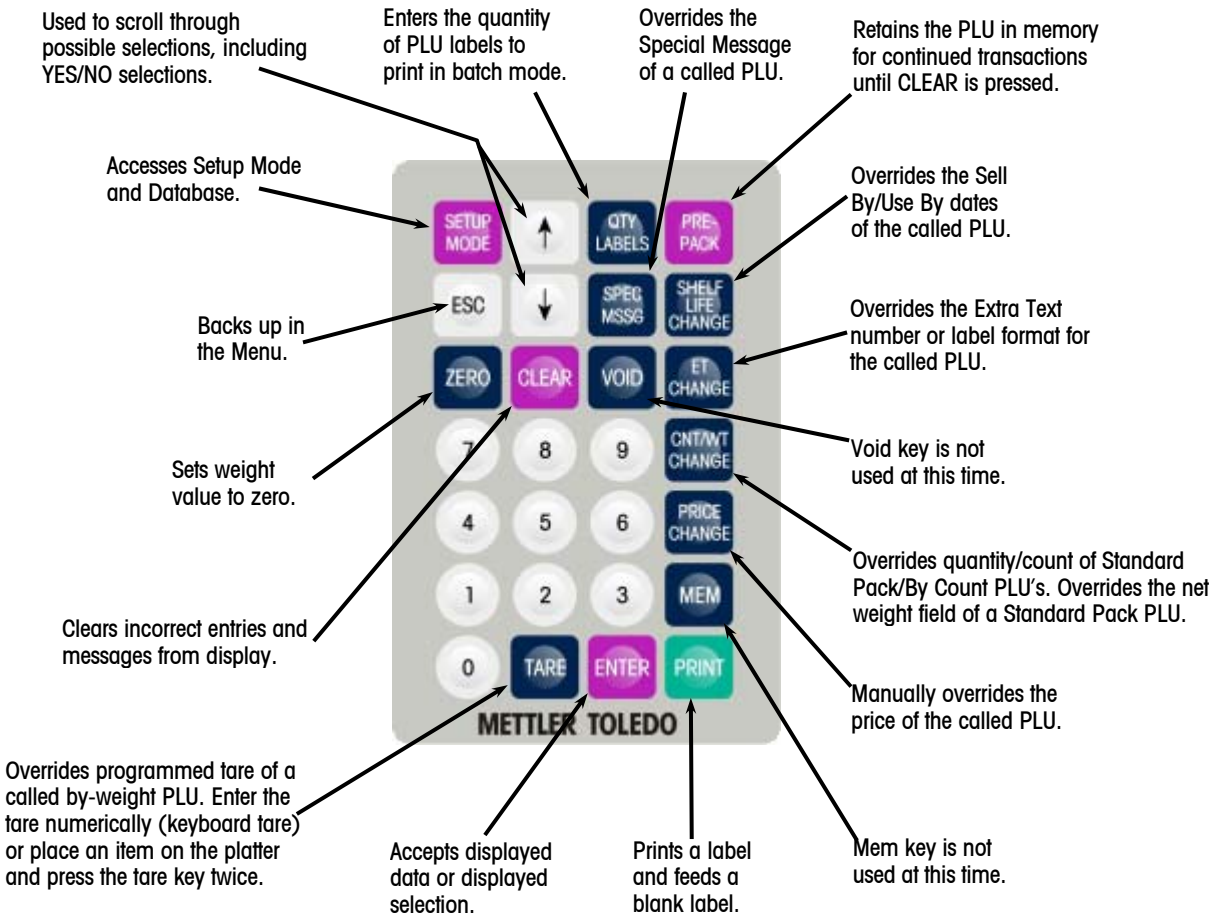


Display



Keyboard

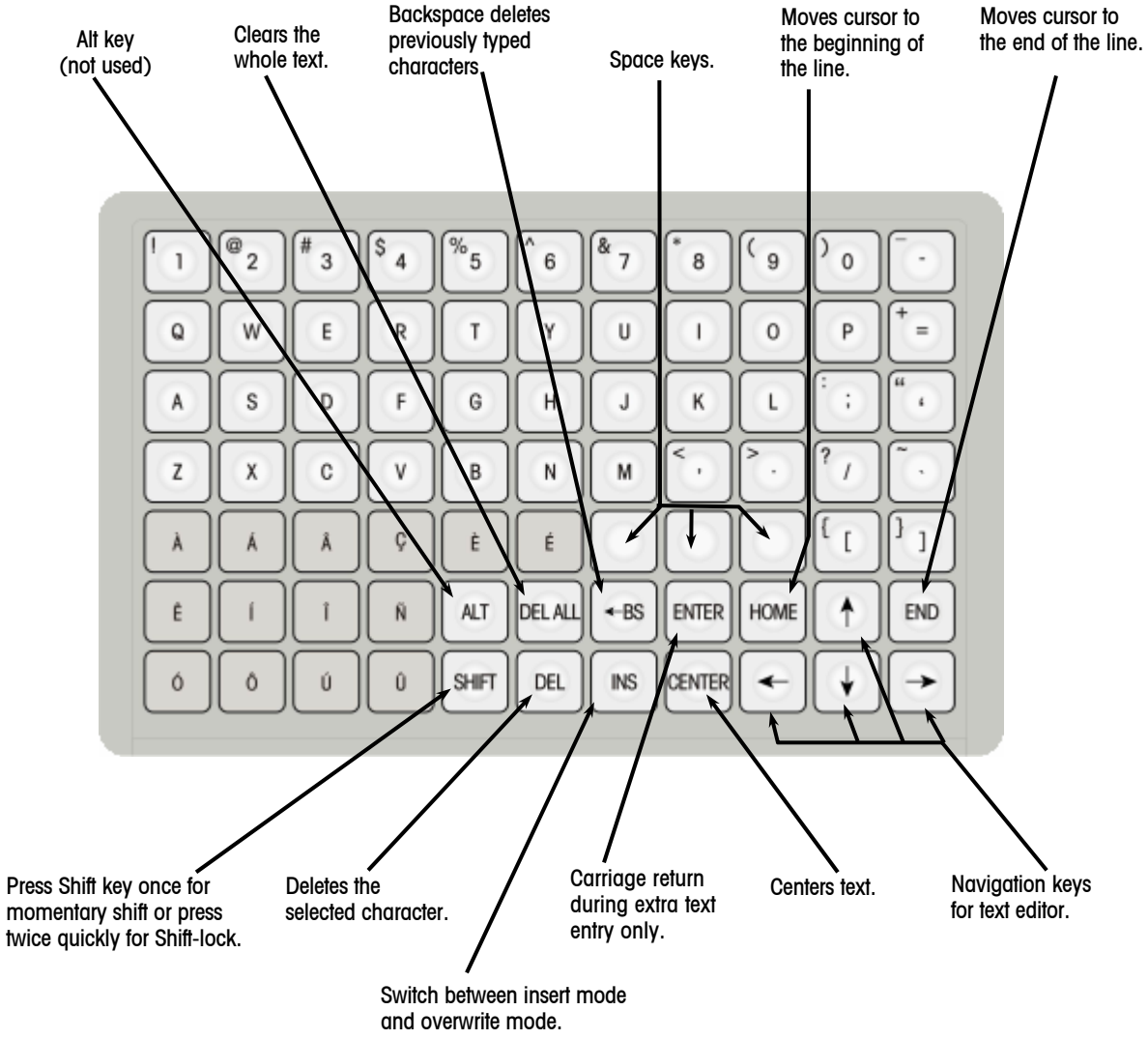
The keyboard consists of a membrane switch pad with an overlay that has raised domes over the switch positions to provide tactile feedback and an audible tone. **The 28 keys on the right keypad are used for entering basic scale functions.**



The 77 keys on the left keypad can be programmed as direct access keys (Presets). There are two levels to the preset keys for a total of 154 PLU Presets. The Preset keys should be configured first before being used. Please refer to section 3 'PLU Preset' for programming the Preset keys.

To recall a PLU simply select the proper level and press the desired preset.

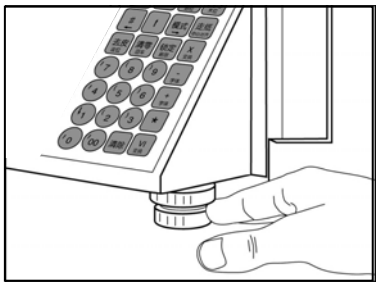
The following function keys (located under the Preset insert) can be used as word processing keys while entering the PLU description, store address, Extra Text and etc.



2 Installation

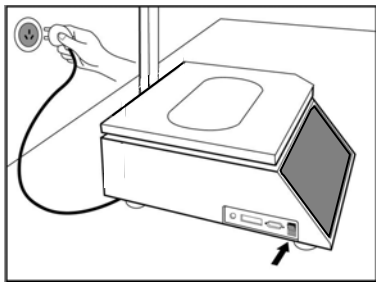
Leveling

Adjust the four feet until the bubble, located under the scale platter, is in the center of the bubble level. Then adjust the foot locks until the feet are secure.



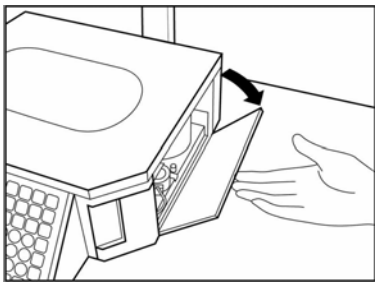
Power On

Note: If unit has been stored or transported in below freezing temperatures, allow the unit to warm up to room temperature **before** turning on AC power.

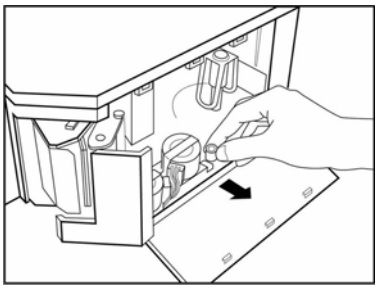


Remove the power cord from the package box. Install the power cord in the recepticle on the bottom of the scale. Connect the power cord to AC power. Set the power switch to the ON position. Allow at least 30 minutes warm-up time before initial calibration.

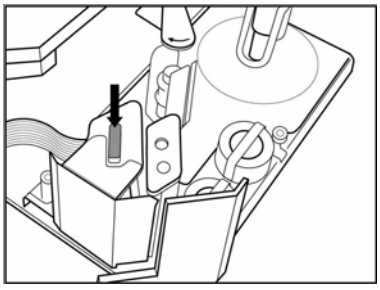
Label Installation



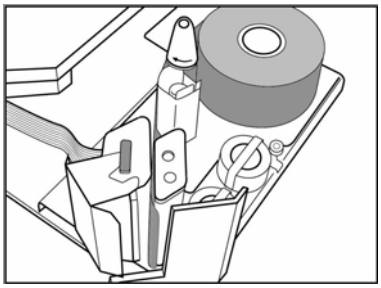
Open the plastic door on the right side of the scale.



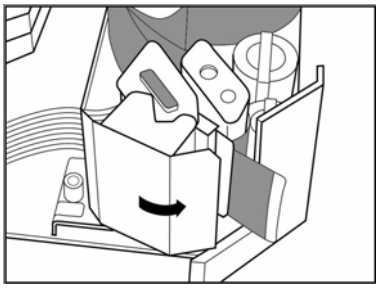
Slide out the printer.



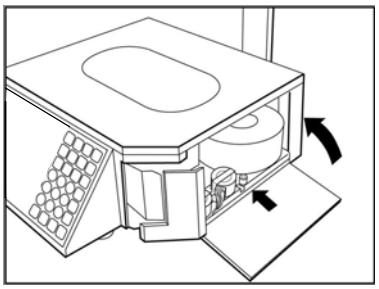
Press the trigger to open the printer head.



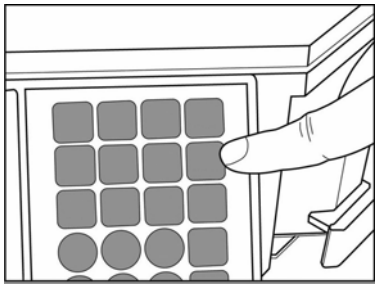
Install the labels according to the instruction legend on the printer frame. Secure the liner on the take-up spool by spinning the spool clockwise.



Close the printer head gently, until it clicks.



Slide the printer into the scale. Close the plastic door.



Press the PRINT key to bring the label into the start position.

Note: Please refer to section 3 'Label Format' to set the proper label format.

FOR YOUR NOTES

3 Unit Setup

Setup Mode Menu Navigation

Navigating within the Setup Menu

【ENTER】 Selects displayed item and moves to sub menu level, accepts the variable in the list.

【ESC】 Backs up one menu level and does not accept change.

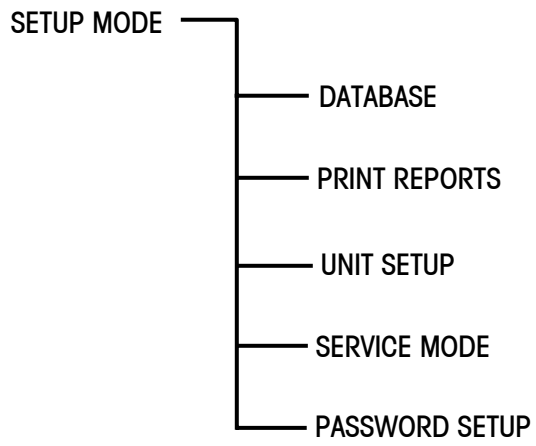
【↑】 Moves Up to next menu item, will wrap around from the last entry to the first.

【↓】 Moves Down to next menu item, will wrap around to end from the first entry.

Note: The scale is waiting for data input when the display shows a question mark '?' after the menu prompt.

Setup Mode Menu

To enter setup mode, press the SETUP MODE key. Press the ESC key to return to the first option in the current menu. Press ESC key again to return to the previous menu. To exit out of SETUP mode, press ESC until the display shows normal weigh state.



Database

- Quick PLU Change
  - Quick Price Change
  - Quick Tare Change
  - Quick Shelf Life Change
  - Quick Use By Change
  - Quick ET Number
  - Quick Label Number
  - Quick Message Number
- Database: PLU
  - Edit PLU
  - Copy PLU
- Database: ET
  - Edit Extra Text
  - Copy Extra Text
- Database: Spec Message
  - Edit Special Message
  - Copy Special Message
- Database : Delete
  - Delete A PLU
  - Delete A ET
  - Delete A Special Message
  - Delete ALL PLU
  - Delete ALL ET
  - Delete ALL Special Message

Print Reports

- Verify Labels

Unit Setup

- PLU Presets
  - Assign Presets
  - Delete All Presets
- Default Label Format
  - Service By-Weight
  - Service By-Count
  - Service Std Pack
  - Service Gen Merch
  - Prepack By-Weight
- Host
  - Host Type
  - Host Baud Rate
  - Host Data Bits
  - Host Parity
  - Host Stopbits
  - Host Timeout MS
- Network
  - IP Address
  - Subnet
  - Gateway
  - MAC
  - Idle Time
- Store Information
- Marquee
- Bar Code Settings
  - Bar Code Number
    - Bar Type
    - Define Bar Code Digits
- PLU Setting
  - Default Mode
  - Print After Motion
- Set Time Date
  - Set Date
  - Set Time
  - Year Format
  - Time Format
  - Date Separator
- Assign Group Name
- Enable Function Keys
  - Enable Prepack Key
  - Enable Void Key
  - Enable Price Key
  - Enable Tare Key
  - Enable ET Key
  - Enable CNT/WT Key
  - Enable Shelf Key
  - Enable Spec MSG Key
  - Enable Use By Key
  - Enable Label Key

Service Mode

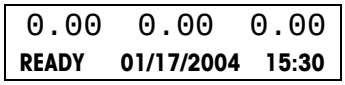
- Initialize Database
- Calibration
  - Calibrate
  - View Expanded Weight
- Reset RAM
- Label Printer Setup
  - Resistance
  - Print Speed
  - Printer Dot Density
  - Label Delivery
  - Label Backup
  - Eject Length
  - Label Takup Sensor
  - Printer Test
  - Label Gap Test
- Function Tests
  - Display Test
  - Printer Test
  - Keyboard Test
- Contrast Adjust
- Beeper

Password Setup

- Change Password: Database
- Change Password: Unit
- Change Password: Service

Set Time and Date

Press the SETUP MODE key to enter setup mode.Now the display displys "DATABASE". Use the UP and DOWN arrow keys to toggle between selections. Press ENTER to confirm your selections. When finished press the ESC key to exit.



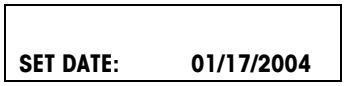
【SETUP MODE】

【↓】【↓】

【ENTER】

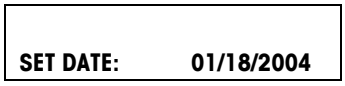
【↑】【↑】【↑】

【ENTER】

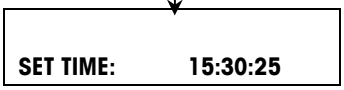


【ENTER】

Input the correct YEAR (last 2 digits), MONTH, and DAY and confirm each with【ENTER】

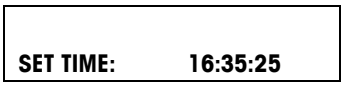


【↓】



【ENTER】

Input the correct HOUR, MINUTE, and SECOND and confirm each with【ENTER】



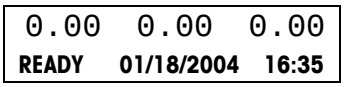
【↓】

Press【ENTER】and select between YY or YYYY. Confirm with【ENTER】【↓】

Press【ENTER】and select between 12 or 24. Confirm with【ENTER】【↓】

Press【ENTER】and select between / or -. Confirm with【ENTER】

Press【ESC】【ESC】【ESC】to exit.



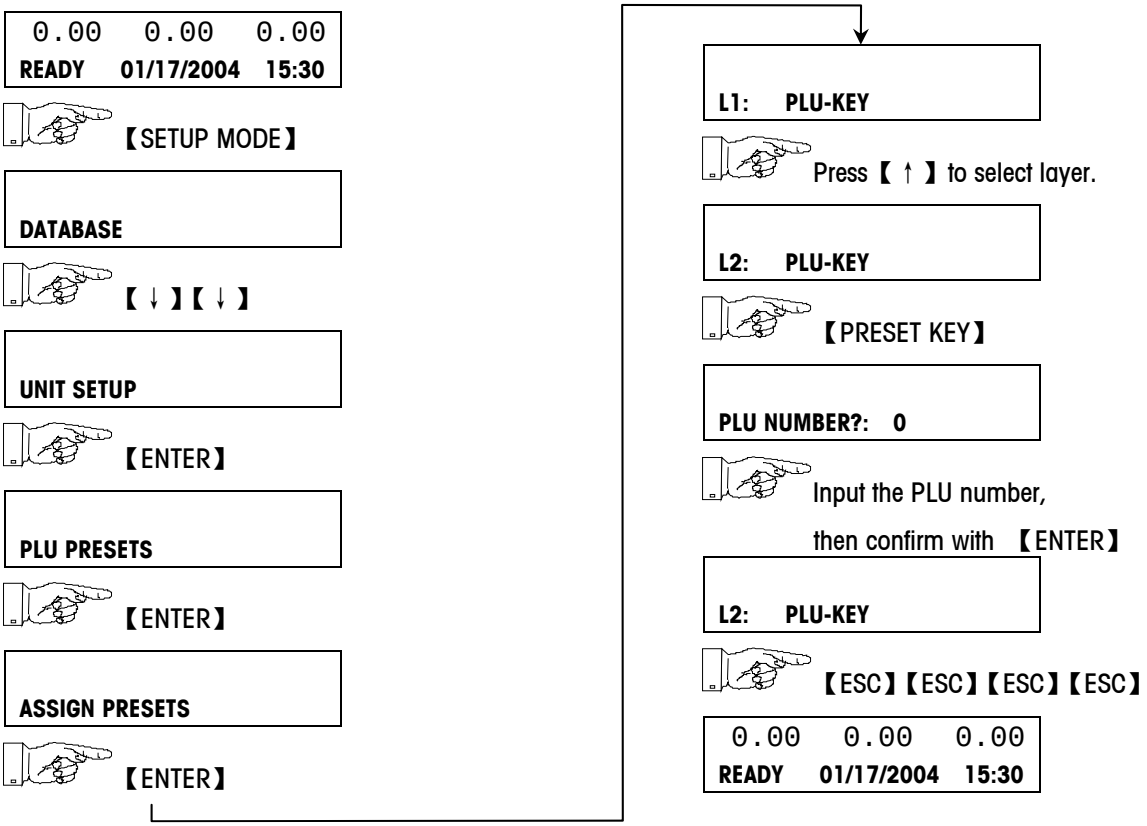
PLU Preset

Layer 1 and 2 Selection

The 8442 has 2 layers of preset keys doubling the number of available presets. During normal operation you can switch between Layer 1 and Layer 2 by pressing the UP【 ↑ 】arrow key. The prompt "READY1" during normal operation indicates that preset layer 1 has been selected. The prompt "READY2" indicates that preset layer 2 has been selected.

Programming Preset Key

Follow the instructions below for programming the preset keys.

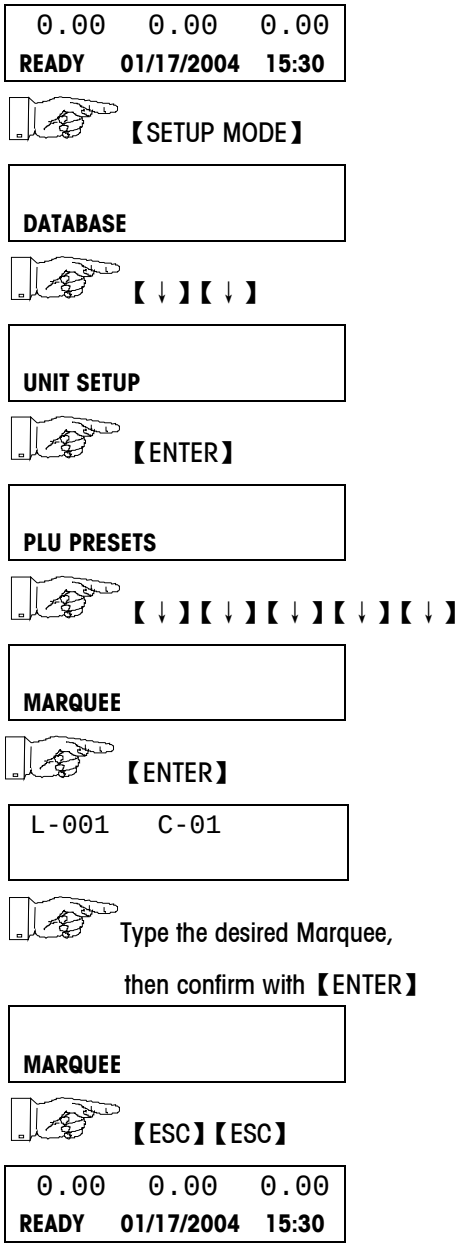


Marquee

A marquee is a scrolling message that can be displayed on the customer display after the scale has been idle for 5 seconds.

Setting Message

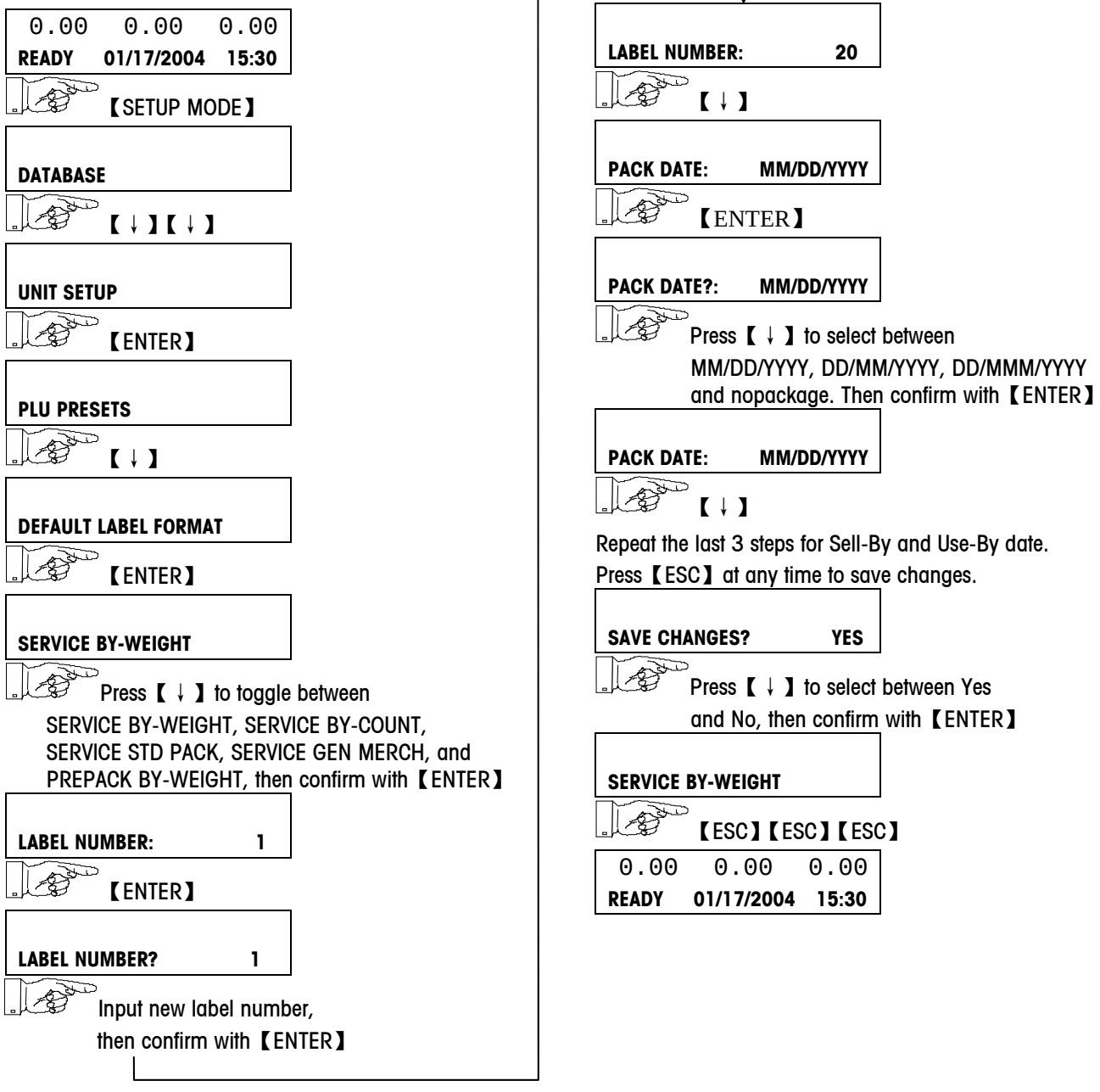
After toggling to MARQUEE, press the ENTER. Input the marquee and confirm with ENTER key.



Label Format

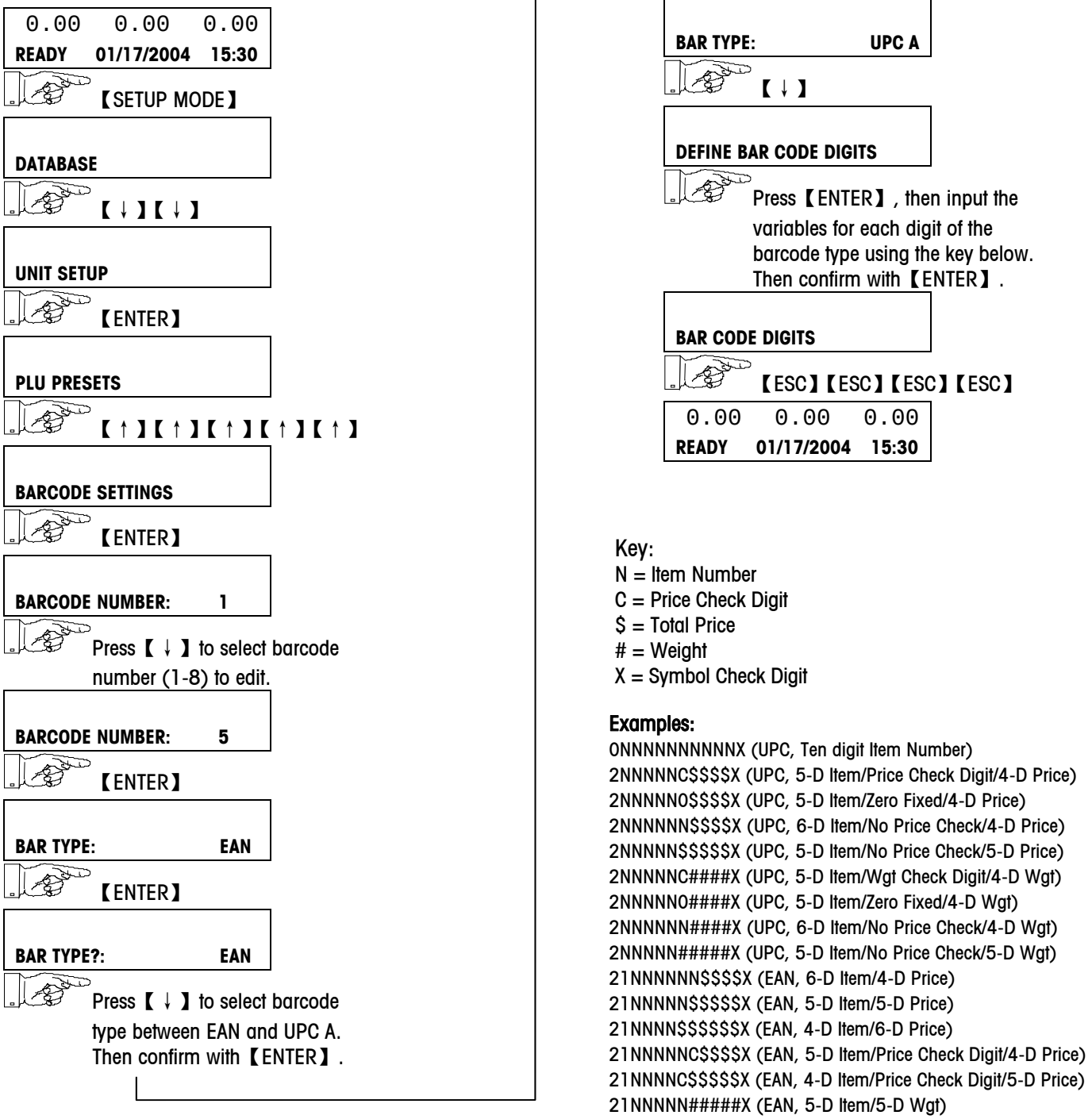
Default Label Format

The scale will use one of the default label formats if label format number zero '0' is selected in the PLU. Custom label formats are 1-20 and standard label formats are 21-49.



Barcode

There are 8 configurable barcodes available. Number 1 is the barcode used for default label formats. 2-8 can be used in custom label formats.



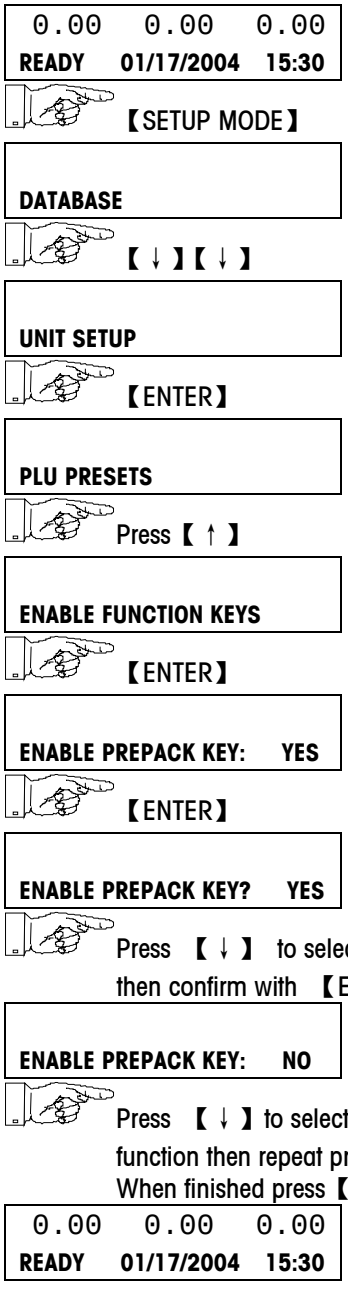
Key:
N = Item Number
C = Price Check Digit
$ = Total Price
# = Weight
X = Symbol Check Digit

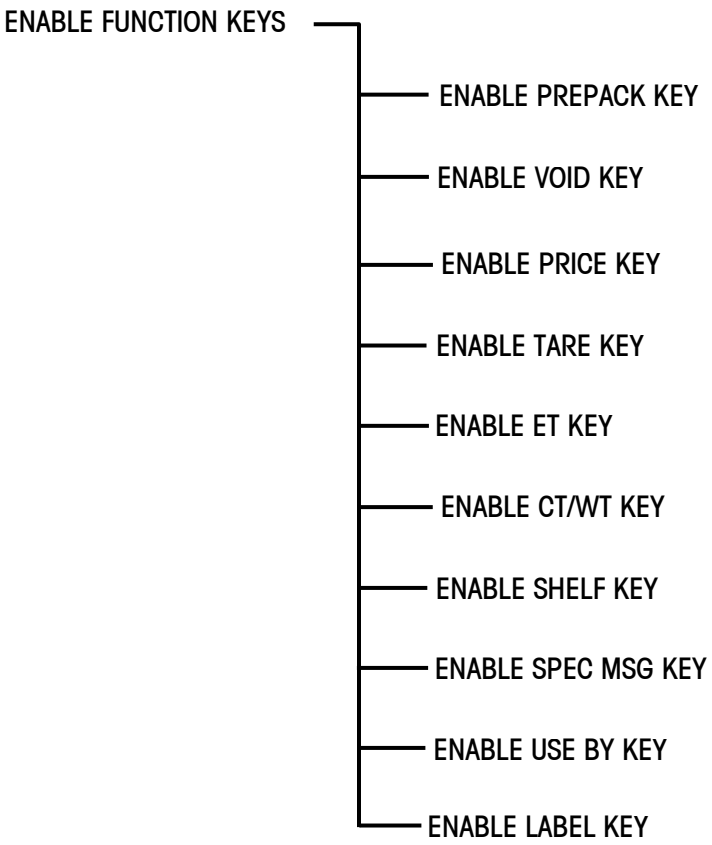
Examples:

0NNNNNNNNNNX (UPC, Ten digit Item Number)
2NNNNNC$$$$X (UPC, 5-D Item/Price Check Digit/4-D Price)
2NNNNNO$$$$X (UPC, 5-D Item/Zero Fixed/4-D Price)
2NNNNNN$$$$X (UPC, 6-D Item/No Price Check/4-D Price)
2NNNNN$$$$$X (UPC, 5-D Item/No Price Check/5-D Price)
2NNNNNC####X (UPC, 5-D Item/Wgt Check Digit/4-D Wgt)
2NNNNNO####X (UPC, 5-D Item/Zero Fixed/4-D Wgt)
2NNNNNN####X (UPC, 6-D Item/No Price Check/4-D Wgt)
2NNNNN#####X (UPC, 5-D Item/No Price Check/5-D Wgt)
21NNNNNN$$$$X (EAN, 6-D Item/4-D Price)
21NNNNN$$$$$X (EAN, 5-D Item/5-D Price)
21NNNN$$$$$$X (EAN, 4-D Item/6-D Price)
21NNNNNC$$$$X (EAN, 5-D Item/Price Check Digit/4-D Price)
21NNNNC$$$$$X (EAN, 4-D Item/Price Check Digit/5-D Price)
21NNNNN#####X (EAN, 5-D Item/5-D Wgt)
21NNNNC#####X (EAN, 4-D Item/Wgt Check Digit/5-D Wgt)

Enable Modify Functions

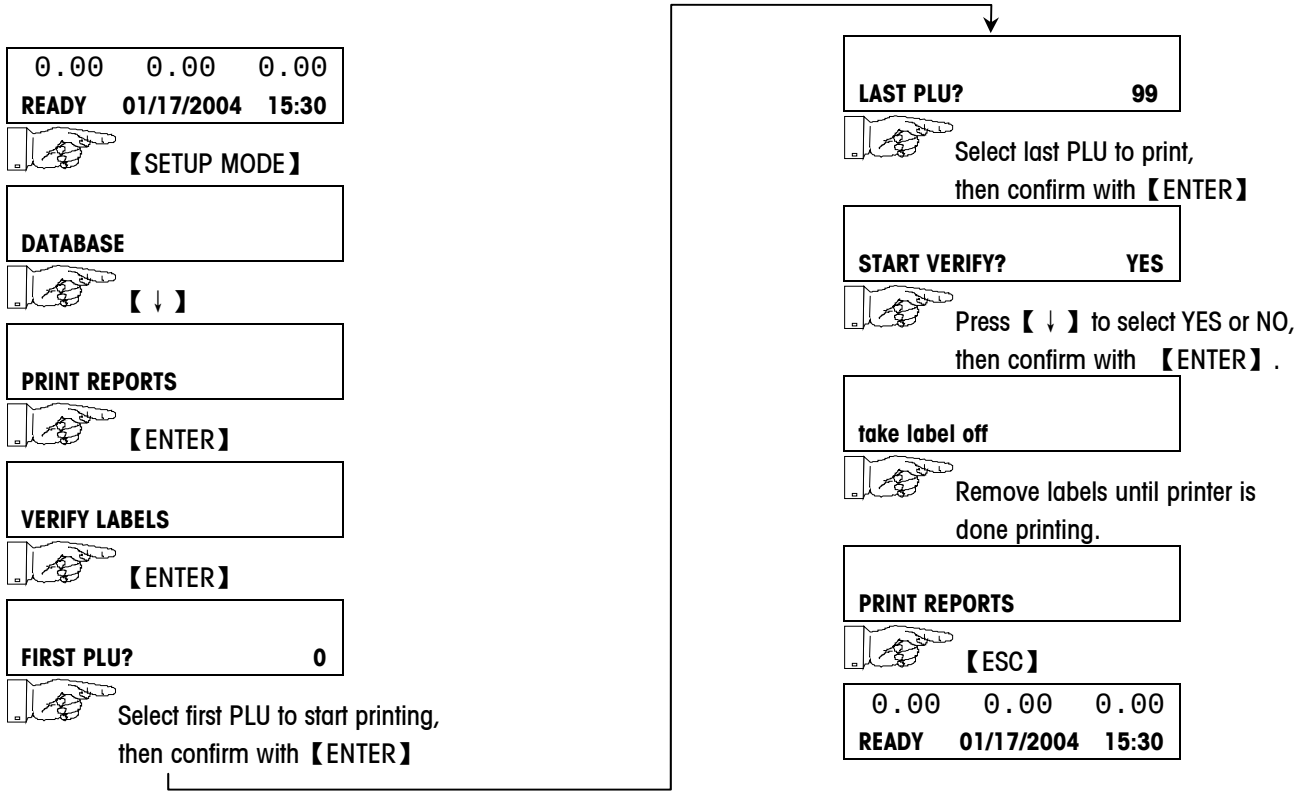
Disabling these functions here makes them unavailable during normal operation.





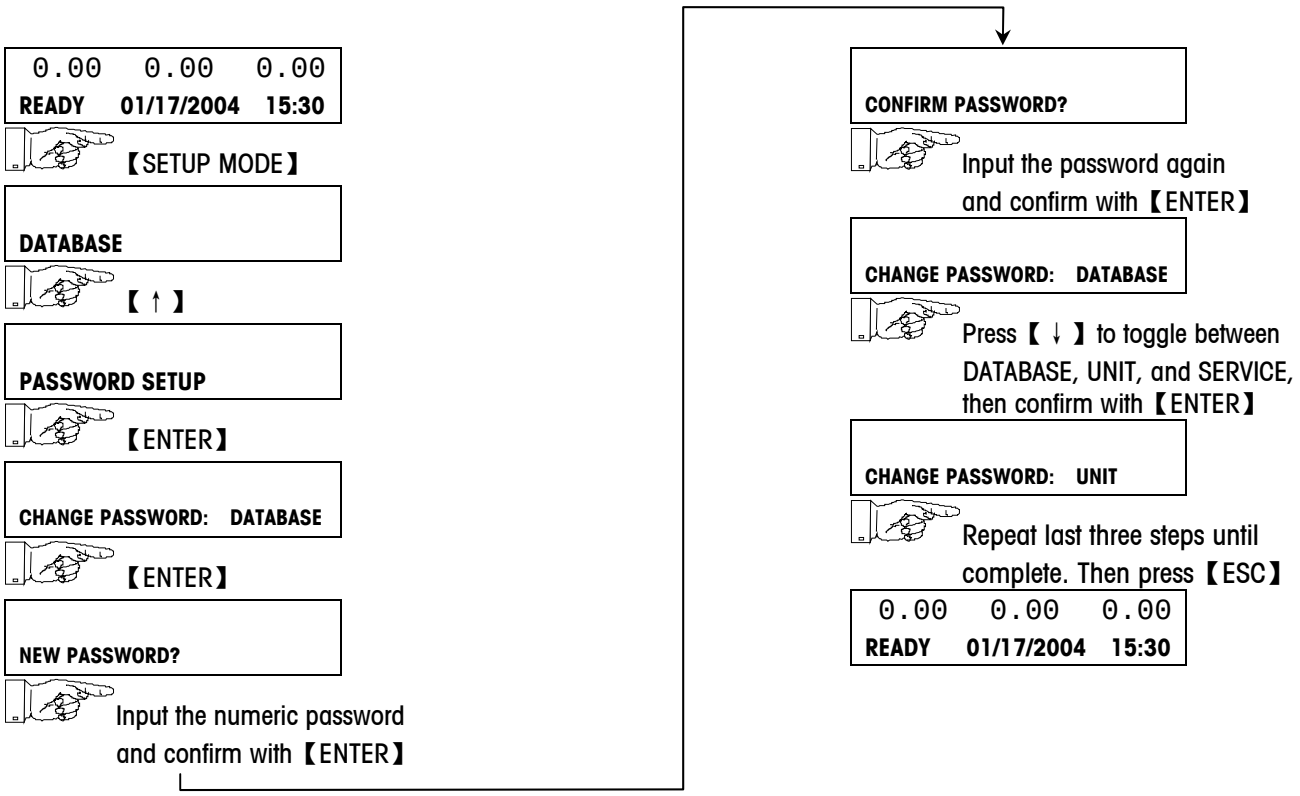
Verify Labels

A record of the PLU files can be printed by the scale using this method.



Programming Passwords

Use the following procedure to program the DATABASE, UNIT, and SERVICE passwords. The default for each of these passwords is ZERO (0) for no password enabled.



4 Operating the Scale

Basic Functions

Zero Scale

This scale is equipped with automatic zeroing software which compensates for small changes in weight. This software will not activate when a package tare has been taken. After cleaning the debris from the platter with the scale on, the display can read :

- a negative value
- "_ _ _ _ _" segments can be lit,
- or the weight display will be blank.

Solution : Press the ZERO key

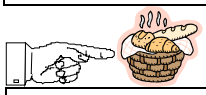
If the message appears again or the weight change is too much, turn the scale off and back on again with the main power switch.

Label Feed

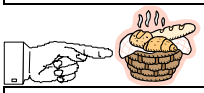
Pressing the PRINT key in READY mode will initiate a label feed. This will help the scale adjust the label position after new labels have been installed.

Calling PLU's and Printing

Call By Weight PLU's in Service Mode

DISPLAY & OPERATON	DESCRIPTION
0.00 0.00 0.00 **READY 01/17/2004 15:30**	
	Place the item to be weighed on the platter.
0.87 0.00 0.00 **READY 01/17/2004 15:30**	
①②③④	Enter the PLU number on the keyboard.
0.87 0.00 0.00 **PLU? 1234**	
ENTER	Press the **ENTER** key to retrieve the PLU record.
0.87 11.99 10.34 **BEEF STEAK 1234**	
PRINT	Press the **PRINT** key. By pressing this key, a label will be printed.

Call a By Weight PLU in Prepack Mode

DISPLAY & OPERATON	DESCRIPTION
0.00 0.00 0.00 **READY 01/17/2004 15:30**	
PRE-PACK	Press the **PREPACK MODE** key. The prepack indicator will be lit.
0.00 0.00 0.00 **READY 01/17/2004 15:30**	
①②③④	Enter the PLU number on the keyboard.
0.00 0.00 0.00 **PLU? 1234**	
ENTER	Press the **ENTER** key to retrieve the PLU record.
0.00 11.99 0.00 **BEEF STEAK 1234**	
	Place the item to be weighed on the platter.
0.87 11.99 10.34 **BEEF STEAK 1234**	A label will be printed automatically as the weight settles on the platter.

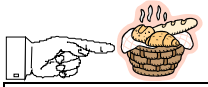
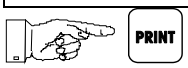
Call By Count PLU's

DISPLAY & OPERATON	DESCRIPTION
0.00 0.00 0.00 **READY 01/17/2004 15:30**	
⑤⑥⑦	Enter the PLU number on the keyboard.
0.00 0.00 0.00 **PLU? 567**	
ENTER	Press the **ENTER** key to retrieve the PLU record.
5PCS 5.55 5.55 **CUCUMBERS 567**	
CNT/WT CHANGE	Press the **CNT/WT CHANGE** key to enter a different count.
5PCS 5.55 5.55 **COUNT NUMBER(PCS)? 5**	
①⓪ **ENTER**	Enter the quantity and press **ENTER**.
10PCS 5.55 11.10 **CUCUMBERS 567**	
PRINT	Press the **PRINT** key. By pressing this key, a label will be printed.

Batch Printing

DISPLAY & OPERATON	DESCRIPTION
0.00 0.00 0.00 **READY 01/17/2004 15:30**	
⑤⑥⑦	Enter the PLU number on the keyboard.
0.00 0.00 0.00 **PLU? 567**	
ENTER	Press **ENTER** key to retrieve the PLU record.
5PCS 5.55 5.55 **CUCUMBERS 567**	
CNT/WT CHANGE	Press the **CNT/WT CHANGE** key to enter a different count.
5PCS 5.55 5.55 **COUNT NUMBER(PCS)? 5**	
①⓪	Enter the quantity and press **ENTER.**
10PCS 5.55 11.10 **CUCUMBERS 567**	
QTY LABELS	Press the **QTY LABELS** key.
QUANTITY OF LABELS 0	
⑤	Input the label quantity.
PRINT	Press **PRINT** key. By pressing this key, all the labels will be printed.

Call PLU with a Preset Key

DISPLAY & OPERATON	DESCRIPTION
0.00 0.00 0.00 **READY 01/17/2004 15:30**	
	Place the item to be weighed on the platter.
0.87 0.00 0.00 **READY 01/17/2004 15:30**	
【preset key】	Press the desired PLU preset key.
0.87 11.99 10.34 **BEEF STEAK 1234**	
	Press the **PRINT** key. By pressing this key, a label will be printed.

Tare

Manual Tare (with PLU)

- Select the PLU and press ENTER.
- Place the empty tray on platter.
- Press the **TARE** key twice.
- Put the item on the tray.
- Press PRINT to register the transaction.
- The tare weight is cleared from the scale when the transaction has printed.

PLU Stored Tare

The weight display will show a negative tare value when a PLU with a stored tare is called and the platter is empty. **Net** will also appear on the display.

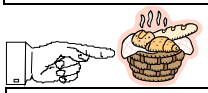
Manual Clear Tare

Remove the item and the tray from the platter and press **TARE** twice.

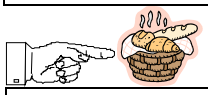
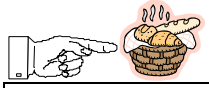
Manual Override Functions

Tare Override

Override Tare with new Tare Number

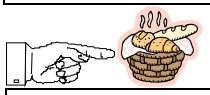
DISPLAY & OPERATON	DESCRIPTION
0.00 0.00 0.00 **READY 01/17/2004 15:30**	
	Place the item to be weighed on the platter.
0.87 0.00 0.00 **READY 01/17/2004 15:30**	
①②③④	Enter the PLU number on the keyboard.
0.87 0.00 0.00 **PLU? 1234**	
ENTER	Press the **ENTER** key to retrieve the PLU record.
0.87 11.99 10.34 **BEEF STEAK 1234**	
TARE	Press the **TARE** key
0.87 0.00 0.00 **TARE? 0.05**	
② ENTER	Enter the new tare value on the keyboard and press **ENTER**.
0.90 11.99 10.34 **BEEF STEAK 1234**	
PRINT	Press **PRINT** key. By pressing this key, a label will be printed.

Platter Tare

DISPLAY & OPERATON	DESCRIPTION
0.00 0.00 0.00 **READY 01/17/2004 15:30**	
	Place the item to tare on the platter.
0.97 0.00 0.00 **READY 01/17/2004 15:30**	
①②③④	Enter the PLU number on the keyboard.
0.97 0.00 0.00 **PLU? 1234**	
ENTER	Press the **ENTER** key to retrieve the PLU record.
0.97 11.99 11.63 **BEEF STEAK 1234**	
TARE **TARE**	Press **TARE** key twice.
0.00 11.99 0.00 **BEEF STEAK**	
	Place the item to be weighed on the platter.
0.92 11.99 11.03 **BEEF STEAK 1234**	
PRINT	Press **PRINT** key to print a label with platter tare.

Price Override

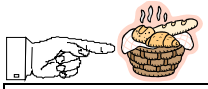
Override the Unit Price of a Called PLU

DISPLAY & OPERATON	DESCRIPTION
0.00 0.00 0.00 **READY 01/17/2004 15:30**	
	Place the item to be weighed on the platter.
0.87 0.00 0.00 **READY 01/17/2004 15:30**	
①②③④	Enter the PLU number on the keyboard.
0.87 0.00 0.00 **PLU? 1234**	
ENTER	Press the **ENTER** key to retrieve the PLU record.
0.87 11.99 10.34 **BEEF STEAK 1234**	
PRICE CHANGE	Press **PRICE CHANGE** key.
0.87 11.99 10.34 **PRICE? 11.99**	
①②③④ **ENTER**	Enter the new unit price and press **ENTER**.
0.87 11.00 9.57 **BEEF STEAK 1234**	
PRINT	Press **PRINT** key to print a label with new price.

Note: The unit price can be overridden using the PRICE CHANGE key only when the "OPEN PRICE" option of the called PLU is set to "YES". If it is set to "NO" and the PRICE CHANGE key is pushed the scale will beep but no price change will be allowed.

Extra Text/Label Number

Override the Extra Text or the Default Label Format of the Called PLU

DISPLAY & OPERATON	DESCRIPTION
0.00 0.00 0.00 **READY 01/17/2004 15:30**	
	Place the item to be weighed on the platter.
0.87 0.00 0.00 **READY 01/17/2004 15:30**	
①②③④	Enter the PLU number on the keyboard.
0.87 0.00 0.00 **PLU? 1234**	
ENTER	Press the **ENTER** key to retrieve the PLU record.
0.87 11.99 10.34 **BEEF STEAK 1234**	
ET CHANGE	Press the **ET CHANGE** key.
0.87 0.00 0.00 **EXT TXT NUMBER 12**	
③④ **ENTER**	Enter the new extra text number.
0.87 0.00 0.00 **LABEL NUMBER 25**	
①② **ENTER**	Enter the new label format number.
0.87 11.99 10.34 **BEEF STEAK 1234**	
PRINT	Press **PRINT** key to print a label with new tare and/or new label format.

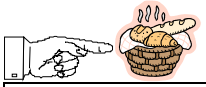
Net Weight/Count Override

Override the Net Weight
of the Called By Count PLU

DISPLAY & OPERATON	DESCRIPTION
0.00 0.00 0.00 **READY 01/17/2004 15:30**	
⑤⑥⑦	Enter the PLU number on the keyboard.
0.00 0.00 0.00 **PLU? 567**	
ENTER	Press the **ENTER** key to retrieve the PLU record.
5PCS 5.55 5.55 **CUCUMBERS 567**	
CNT/WT CHANGE	Press the **CNT/WT CHANGE** key.
5PCS 5.55 5.55 **COUNT NUMBER (PCS)? 5**	
⑦ **ENTER**	Enter new count and press **ENTER**.
7PCS 7.77 7.77 **WEIGHT (Lbs)? 0.18**	If PLU is a Standard Pack PLU, Net Weight can also be changed.
②⓪ **ENTER**	Enter the new Net Weight and press **ENTER**.
7PCS 7.77 7.77 **FIX WEIGHT= 0.20**	
PRINT	Press **PRINT** key to print a label with entered net weight

Shelf Life/Use By Override

Override the Sell By Days of the Called PLU

DISPLAY & OPERATON	DESCRIPTION
0.00 0.00 0.00 **READY 01/17/2004 15:30**	
	Place the item to be weighed on the platter.
0.87 0.00 0.00 **READY 01/17/2004 15:30**	
①②③④	Enter the PLU number on the keyboard.
0.87 0.00 0.00 **PLU? 1234**	
ENTER	Press the **ENTER** key to retrieve the PLU record.
0.87 11.99 10.34 **BEEF STEAK 1234**	
SHELF LIFE CHANGE	Press **SHELF LIFE CHANGE** key.
0.87 0.00 0.00 **SELL BY DAY? 8**	
⑤ **ENTER**	Enter the new Sell By Days and press **ENTER**.
0.87 0.00 0.00 **USE BY DAY? 3**	
① **ENTER**	Enter the new Use By Days and press **ENTER**.
PRINT	Press the **PRINT** key to print a label with new Shelf Life and Use By dates.

5 Database Setup

General Description

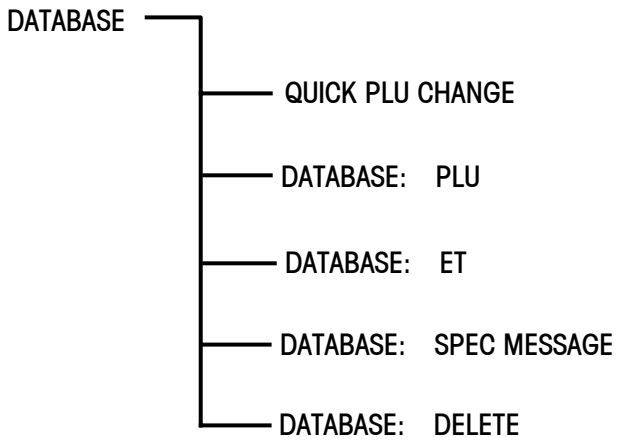
Memory Maximum Capacities

The Product Look Up, PLU, and Extra Text, ET, files can be determined as shown in the table below during the initialization of the database. **This should only be done at installation as it will erase the database.**

Number of PLU's	ET Memory Available
5060	0K
4200	97K
3790	145K
2510	291K
1880	363K
730	495K
CUSTOM	Based on Number of PLU's

Database Functions

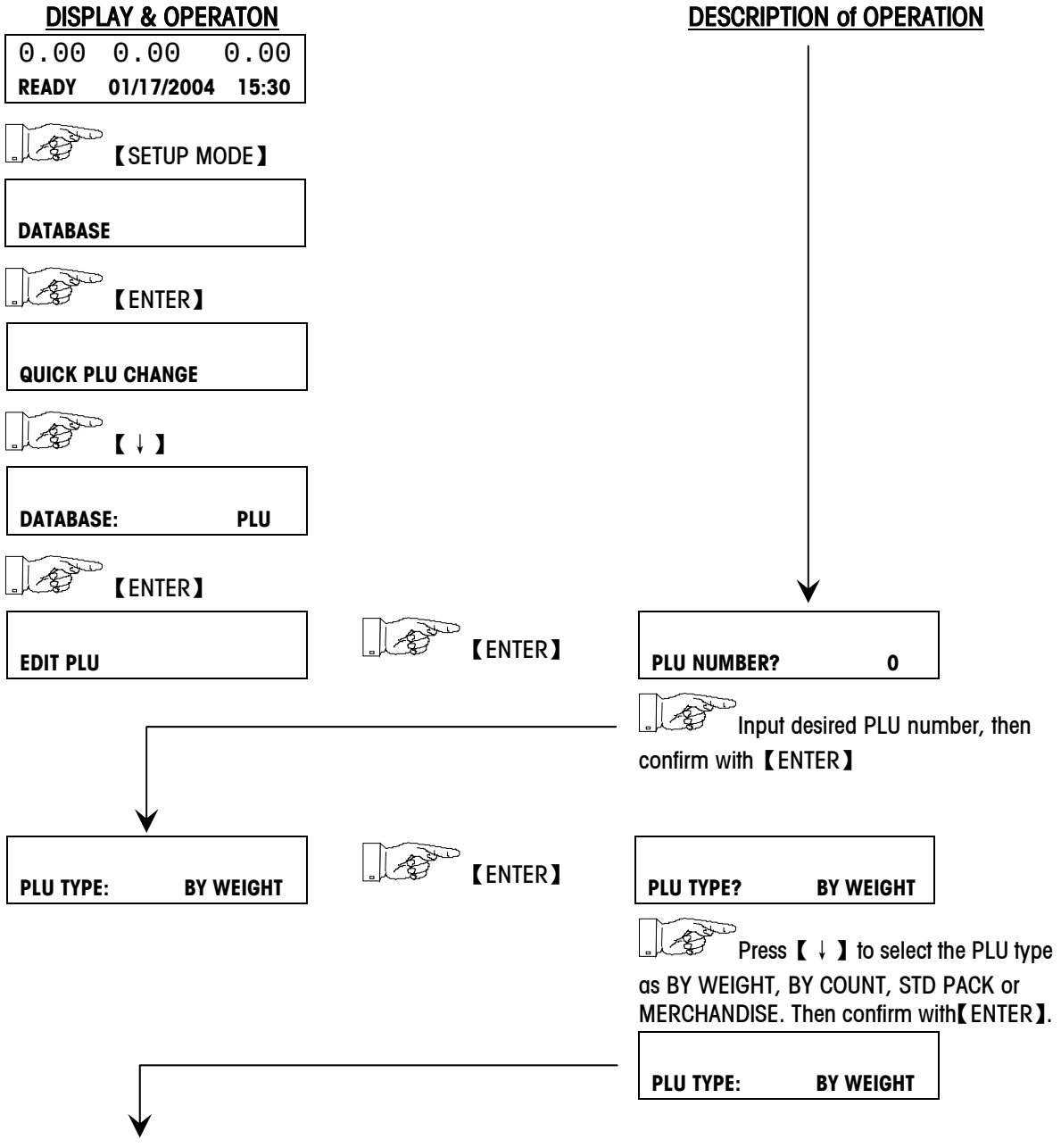
With this setup menu you can edit the PLU, EXTRA TEXT and SPEC MESSAGE.



Database edit

PLU

From the DATABASE: PLU menu press the DOWN or UP keys to change between EDIT PLU and COPY PLU. Select EDIT PLU, and then ENTER to set.



【↓】

ITEM NO: 00000000000000

【ENTER】

ITEM NO? 00000000000000

Input the item number. Then confirm with【ENTER】.

ITEM NO: 00000000000001

【↓】

DESC1

【ENTER】

L-001 C-01 Desc-1

Note: Use QWERTY keypad under preset keypad.

Input first line description. Then confirm with 【ENTER】.

DESC1

【↓】

DESC2

【ENTER】

L-001 C-01 Desc-2

Input second description. Then confirm with 【ENTER】.

DESC2

【↓】

GROUP: 0

【ENTER】

GROUP? 0

Input the group number. Then confirm with 【ENTER】.

GROUP: 1

【↓】

UNIT PRICE: 0.00

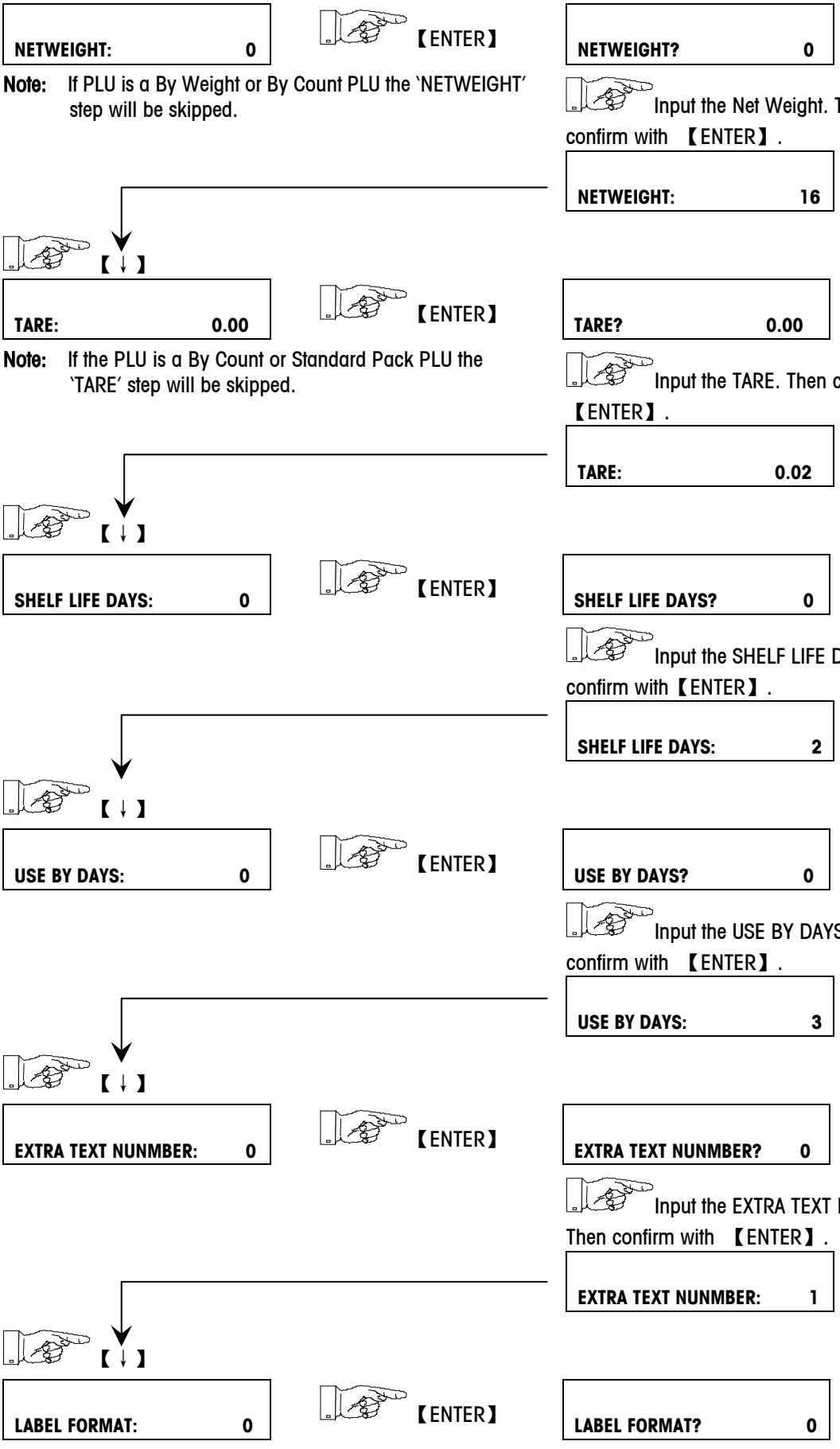
【ENTER】

UNIT PRICE? 0.00

Input the unit price. Then confirm with 【ENTER】.

UNIT PRICE: 1.25

【↓】


NETWEIGHT: 0
【ENTER】
NETWEIGHT? 0
Note: If PLU is a By Weight or By Count PLU the 'NETWEIGHT' step will be skipped.
Input the Net Weight. Then confirm with 【ENTER】.
NETWEIGHT: 16
【↓】
TARE: 0.00
【ENTER】
TARE? 0.00
Note: If the PLU is a By Count or Standard Pack PLU the 'TARE' step will be skipped.
Input the TARE. Then confirm with 【ENTER】.
TARE: 0.02
【↓】
SHELF LIFE DAYS: 0
【ENTER】
SHELF LIFE DAYS? 0
Input the SHELF LIFE DAYS. Then confirm with【ENTER】.
SHELF LIFE DAYS: 2
【↓】
USE BY DAYS: 0
【ENTER】
USE BY DAYS? 0
Input the USE BY DAYS. Then confirm with 【ENTER】.
USE BY DAYS: 3
【↓】
EXTRA TEXT NUNMBER: 0
【ENTER】
EXTRA TEXT NUNMBER? 0
Input the EXTRA TEXT NUMBER. Then confirm with 【ENTER】.
EXTRA TEXT NUNMBER: 1
【↓】
LABEL FORMAT: 0
【ENTER】
LABEL FORMAT? 0

Input the LABEL FORMAT. Then confirm with 【ENTER】.

LABEL FORMAT: 1

【↓】

ALLOW PRICE CHANGE: YES

【ENTER】

ALLOW PRICE CHANGE? YES

Press 【↓】 to select YES or NO. Then confirm with 【ENTER】.

ALLOW PRICE CHANGE: NO

【↓】

COUNT NUMBER: 0

【ENTER】

COUNT NUMBER? 0

Note: If the PLU is a By Weight PLU the 'COUNT' step will be skipped.

Input the COUNT NUMBER if necessary. Then confirm with【ENTER】.

【↓】

SPEC. MESSAGE: 0

【ENTER】

SPEC. MESSAGE? 0

Input the SPEC MESSAGE NUMBER. Then confirm with 【ENTER】.

SPEC MESSAGE: 1

【ESC】

SAVE CHANGES? YES

Press【↓】to toggle between YES and NO, then confirm with【ENTER】. Step to the next PLU.

PLU NUMBER?: 0

Extra Text

From the DATABASE: ET menu press the DOWN or UP keys to change between EDIT ET and COPY ET. Select EDIT ET, and then press ENTER to set.

DISPLAY & OPERATON | **DESCRIPTION of OPERATION**

```
0.00  0.00   0.00
READY   01/17/2004  15:30
```

【SETUP】

```
DATABASE
```

【ENTER】

```
QUICK PLU CHANGE
```

【↓】【↓】

```
DATABASE:       ET
```

【ENTER】

```
EDIT EXTRA TEXT
```

【ENTER】

```
EXT TXT NUMBER?          0
```

Input ET number, then confirm with【ENTER】.

```
L-001  C-01
```

Input ET contents, then confirm with【ENTER】.

```
SAVE CHANGES?          YES
```

Press【↓】to toggle between YES and NO, then confirm with【ENTER】.

```
EXT TXT NUMBER?          0
```

Enter the next ET to be edited or press【ESC】【ESC】【ESC】【ESC】to exit.

Special Message

From the DATABASE: SPEC MESSAGE menu press the DOWN or UP keys to change between EDIT SPEC MESSAGE and COPY SPEC MESSAGE. Select EDIT SPEC MESSAGE, and then press ENTER to set.

DISPLAY & OPERATON

0.00 0.00 0.00 **READY 01/17/2004 15:30**

【SETUP】

DATABASE

【ENTER】

QUICK PLU CHANGE

【↓】【↓】【↓】

DATABASE: SPEC MESSAGE

【ENTER】

EDIT SPEC MESSAGE

【ENTER】

DESCRIPTION of OPERATION

SPEC MESSAGE NO? 0

Input the Special Message number (1-99) then confirm with【ENTER】.

L-001 C-01

Input the Special Message contents, then confirm with【ENTER】.

SAVE CHANGES? YES

Press【↓】to toggle between YES and NO, then confirm with【ENTER】.

SPEC MESSAGE NO? 0

Enter the next Special Message number to be edited or press【ESC】【ESC】【ESC】【ESC】 to exit.

PLU Quick Change

QUICK PLU CHANGE
- QUICK PRICE CHANGE
- QUICK TARE CHANGE
- QUICK SHELF LIFE CHANGE
- QUICK USE BY CHANGE
- QUICK ET CHANGE
- QUICK LABEL NUMBER
- QUICK MESSAGE NUMBER

DISPLAY & OPERATON

0.00	0.00	0.00
READY	**01/17/2004**	**15:30**

【SETUP】

DATABASE

【ENTER】

QUICK PLU CHANGE

【ENTER】

QUICK PRICE CHANGE

【ENTER】

DESCRIPTION of OPERATION

PLU NUMBER?

Input the desired PLU number, then confirm with【ENTER】.

UNIT PRICE? 1.25

Input the new Unit Price, then confirm with【ENTER】.

PLU NUMBER?

Enter another PLU number or hit【ESC】to change another field.

QUICK PRICE CHANGE

【↓】

QUICK TARE CHANGE

6 Maintenance

External Cleaning

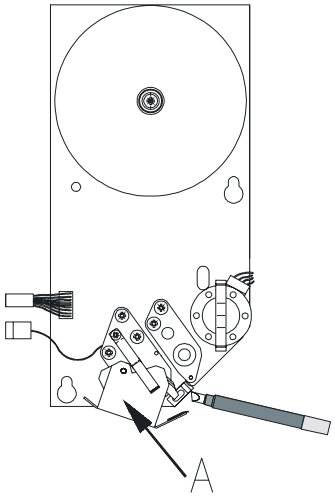
Turn the scale power off by placing the power switch to the OFF position (Press the "0" on the power switch).

- Disconnect power
- Use a soft clean cloth dampened with mild detergent and water, or with mild cleaner to wipe the exterior surfaces.
- **Do not spray directly on the unit.** A mild spray cleaner can be used by spraying the cleaning cloth.
- Do not use solvent or commercial cleaners on the unit. They may harm the surfaces or damage the keyboard.

Cleaning Printhead

CAUTION

CLEAN PRINTHEAD USING THE METTLER TOLEDO CLEANING PEN PART NUMBER 082287020.
DO NOT SCRAPE THE PRINTHEAD WITH ANY OBJECT TO REMOVE GLUE OR LABEL DEBRIS OR SEVERE DAMAGE MAY RESULT.



- Turn the scale off by placing the power switch to the OFF position. Disconnect the power cord from the outlet.
- Open the plastic door on the right side of the scale and slide out the printer.
- Press the trigger to open the printhead.
- Clean the printhead with a soft clean cloth soaked in isopropyl alcohol, or the METTLER TOLEDO Cleaning Pen part number 082287020.
- Push the printhead back until it clicks.
- Slide the printer in and close the plastic door.

7 Label Formats

Default Label Formats

Default Label Number	Label Length	PLU Type	Date	Bar Code Position	Extra Text	Pre-printed SHI	Bar Code Number	VisEdit Standard Library Reference
21	1.9"	By-Count	Sell By Date	BCT			1	19 BC SBD BCT
22	1.9"	By-Weight	Pack Date	BCT			1	19 BW PD BCT
23	1.9"	By-Weight	Sell By Date	BCT			1	19 BW SBD BCT
24	2.1"	By-Count	Sell By Date	BCT			1	21 BC SBD BCT
25	2.1"	By-Weight	Pack Date	BCT			1	21 BW PD BCT
26	2.1"	By-Weight	Sell By Date	BCT			1	21 BW SBD BCT
27	2.4"	By-Count	Sell By Date	BCT		Yes	1	24 BC SBD BCT PP SHI
28	2.4"	By-Count	Sell By Date	BCT	Yes		1	24 BC SBD ET BCT
29	2.4"	By-Weight	Pack Date	BCT		Yes	1	24 BW PD BCT PP SHI
30	2.4"	By-Weight	Pack Date	BCT	Yes		1	24 BW PD ET BCT
31	2.4"	By-Weight	Sell By Date	BCT		Yes	1	24 BW SBD BCT PP SHI
32	2.4"	By-Weight	Sell By Date	BCT	Yes		1	24 BW SBD ET BCT
33	2.4"	Std Pack	Sell By Date	BCT	Yes		1	24 STD SBD ET BCT
34	3.3"	By-Count	Sell By Date	BCT	Yes	Yes	1	33 BC SBD ET BCT PP SHI
35	3.3"	By-Count	Sell By Date	BCT	Yes		1	33 BC SBD ET BCT
36	3.3"	By-Weight	Pack Date	BCT	Yes	Yes	1	33 BW PD ET BCT PP SHI
37	3.3"	By-Weight	Pack Date	BCT	Yes		1	33 BW PD ET BCT
38	3.3"	By-Weight	Sell By Date	BCT	Yes	Yes	1	33 BW SBD ET BCT PP SHI
39	3.3"	By-Weight	Sell By Date	BCT	Yes		1	33 BW SBD ET BCT
40	3.3"	Std Pack	Sell By Date	BCT	Yes	Yes	1	33 STD SBD ET BCT PP SHI
41	3.3"	Std Pack	Sell By Date	BCT	Yes		1	33 STD SBD ET BCT
42	3.7"	By-Count	Sell By Date	BCT	Yes	Yes	1	37 BC SBD ET BCT PP SHI
43	3.7"	By-Count	Sell By Date	BCT	Yes		1	37 BC SBD ET BCT
44	3.7"	By-Weight	Pack Date	BCT	Yes	Yes	1	37 BW PD ET BCT PP SHI
45	3.7"	By-Weight	Pack Date	BCT	Yes		1	37 BW PD ET BCT
46	3.7"	By-Weight	Sell By Date	BCT	Yes	Yes	1	37 BW SBD ET BCT PP SHI
47	3.7"	By-Weight	Sell By Date	BCT	Yes		1	37 BW SBD ET BCT
48	3.7"	Std Pack	Sell By Date	BCT	Yes	Yes	1	37 STD SBD ET BCT PP SHI
49	3.7"	Std Pack	Sell By Date	BCT	Yes		1	37 STD SBD ET BCT

8 Error Messages

Warning Message

INPUT TOO BIG
Too many characters for field.

INPUT TOO SMALL
The input is too small.

TOO MUCH INPUT
The input is out of limit.

KEY BLOCKED
The key is disabled. Check the KEYBOARD CONFIGURE.

PLU NOT FOUND
The entered PLU number does not exist.

LABEL NOT FOUND
The entered Label Format does not exist.

PLUNR IS OCCUP
You are trying to duplicate a PLU into an existing PLU number.

LABELNR. OCCUP
You are trying to duplicate a label format into an existing label format number.

MEMORY FULL
Memory is full.

WEIGH AGAIN
You are trying to record one item twice. Remove the item from the platter and put a new item on the platter.

WRONG LABEL
The installed label roll does not match the configured label format.

LABEL MOVED
The stepper motor or the rewind motor is not working properly.

CHANGE PAPERROLL
The label roll is not installed or the label roll is empty.

TAKE LABEL OFF
Take off the current label before printing the next one.

TARE TOO BIG
The entered tare is too big.

PLU TARE ACTIVE
You are forbidden to override the PLU tare.

NO STABLE WEIGHT
The weight is not stable.

PUT PLATTER ON
The weight is too small and out of power up zero range.

ZERO NOT CAPTURE
The weight is too big and out of power up zero range.

WEIGHT TOO SMALL
The weight is too small to be printed.

ERROR TAKE-SENS
The take label sensor is not working properly.

ERROR POS_SENS
The gap sensor is not working properly.

ERROR INTERFACE
The serial port is not working properly.

METTLER TOLEDO

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