



8450

Service Counter Scale/Printer User's Guide

©Mettler-Toledo, Inc. 2006

No part of this manual may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording, for any purpose without the express written permission of Mettler-Toledo, Inc.

U.S. Government Restricted Rights: This documentation is furnished with Restricted Rights.

Customer Feedback

Attention: Retail Quality Manager - MTWR

METTLER TOLEDO

Part / Product Name:	
Part / Model Number:	Date:
Provided By:	
Customer Name:	
Address:	
Phone Number:	Fax Number:

Your comments:		
	<i>Do not write in space below. For METTLER TOLEDO use only. Response (if appropriate) and corrective action taken.</i>	
METTLER TOLEDO Model 8450 User's Guide A14614100A		

METTLER TOLEDO® is a registered trademark of Mettler-Toledo, Inc.
©2006 Mettler-Toledo, Inc.
Printed in USA



A12745800A

FOLD THIS FLAP FIRST



NO POSTAGE
NECESSARY IF
MAILED IN THE
UNITED STATES

BUSINESS REPLY MAIL

FIRST CLASS PERMIT NO. 414 COLUMBUS, OH

POSTAGE WILL BE PAID BY ADDRESSEE

Mettler-Toledo, Inc.
Retail Quality Manager - MTWR
P.O. Box 1705
Columbus, OH 43216
USA



Please seal with tape.

Mettler-Toledo Inc.

Columbus, Ohio

Declaration of Conformance to SMA Standard Production Meets Type

(Year of Declaration 2002)



We the manufacturer of

Model	Certificate and Number	Issued by
8450	CoC 95-123	NCWM

declare in our responsibility the conformance of the above listed models and types to the mentioned certificates and the requirements of the SMA standard.

This declaration becomes valid when the SMA Compliance Logo, having our name or trademark is applied to the device or its accompanying documentation.

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.

Publication Revision History

Part Number	Date	Revisions
A14614100A	8/99	Add 8450 SSP and revised Chapter 4, Operating Instructions.
A14614100A	11/00	Added new warning for power outlet in precautions.
A14614100A	9/01	Updated Maintenance Chapter 6.
A14614100A/.03	9/03	Added SMA Certificate of Conformity
A14614100A/.04	8/06	Update overhaul, new label formats added

Disposal



In conformance with the European Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE) this device may not be disposed of in domestic waste. This also applies to countries outside the EU, per their specific requirements.

Please dispose of this product in accordance with local regulations at the collecting point specified for electrical and electronic equipment.

If you have any questions, please contact the responsible authority or the distributor from which you purchased this device.

Should this device be passed on to other parties (for private or professional use), the content of this regulation must also be related.

Thank you for your contribution to environmental protection.

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.

	 WARNING
	FOR CONTINUED PROTECTION AGAINST SHOCK HAZARD CONNECT TO PROPERLY GROUNDED OUTLET ONLY. DO NOT REMOVE THE GROUND PRONG.
	 WARNING
	DISCONNECT ALL POWER TO THIS UNIT BEFORE REMOVING THE FUSE OR SERVICING.
	 WARNING
	Power outlets must be easily accessible and located no further than the length of the power cord supplied with the product. Failure to do so could result in result in personnel injury and/or property damage.

CONTENTS

1	Introduction	1-1
	General Description	1-1
	Component and Control Locations	1-2
	Displays	1-3
	Keyboards	1-4
	Standard Keyboard	1-4
	SSP Keyboard	1-5
	Power Up Sequence	1-6
2	Label Installation	2-1
	Set Label Size	2-2
3	Unit Set Up	3-1
	Setup Overlay	3-1
	Programming with the Preset/Setup Keyboard	3-2
	Enter Unit Setup	3-3
	Exit Unit Setup	3-3
	Time Date Format	3-3
	Date Format	3-3
	Time Format	3-4
	Date Separator	3-4
	Synch with Master	3-4
	Department Change	3-4
	PLU Preset	3-4
	Programming a Preset Key	3-4
	Preset Reaction	3-5
	Marquee	3-5
	Selecting Messages	3-5
	Changing the Speed	3-5
	Label Format	3-6
	Label Format Key	3-6
	Label Size Key	3-8
	Quick Label Specification Keys	3-8
	Enable Modify Functions	3-9
	Verify Labels	3-10
	Programming Unit Password	3-10
4	Operating the Scale	4-1
	Basic Functions	4-1
	Starting the Model 8450	4-1
	Zero	4-1
	Clear	4-1
	Label Feed	4-2
	Time, Date, Department	4-2
	Calling a PLU and Printing Labels	4-3
	Tare	4-9

	Memory Mode.....	4-10
	Void.....	4-10
	Manual Override Functions.....	4-11
	Tare Override	4-11
	Price Override	4-11
	ET, NF Record Override	4-12
	Net Weight, Count Override.....	4-12
	Shelf Life Override.....	4-13
	Blank Label Fields	4-13
	Master Off Line	4-14
5	Standalone Database Functions	5-1
	General Description.....	5-1
	Standalone Database Functions	5-2
	Database Setup Mode.....	5-3
	Passwords	5-3
	Edit.....	5-3
	Quick Change	5-10
	Print	5-10
	Clear.....	5-10
6	Maintenance	6-1
	Before Performing Maintenance!	6-1
	External Cleaning.....	6-1
	Cleaning the Printer	6-2
7	Label Formats.....	7-1
	Abbreviations.....	7-1
	Cross Reference	7-1
8	Error Messages	8-1

1

Introduction

General Description

This manual covers operation for all versions of the Model 8450. Operation of units with an external scale (Figure 1-2) is identical to the standard Model 8450.

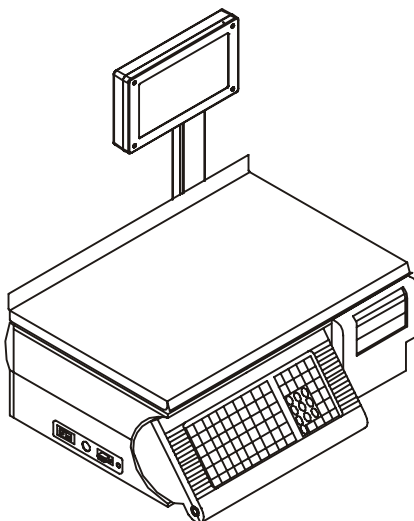


Figure 1-1: Model 8450 Scale/Printer

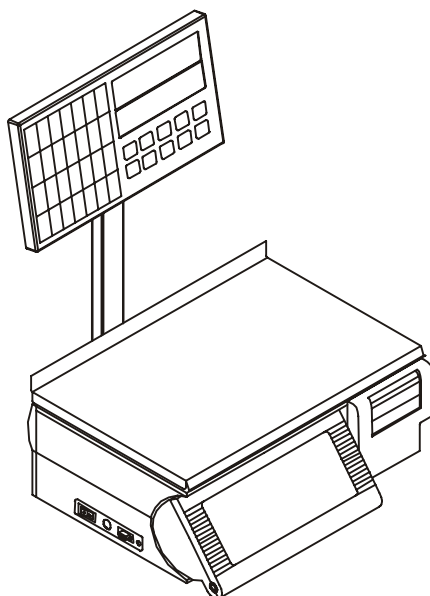


Figure 1-3: 8450SSP
(Self Service Pictogram)

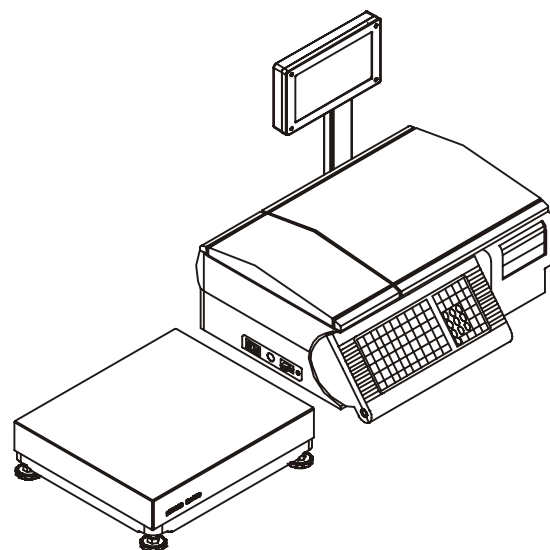


Figure 1-2: Model 8450 Dead Deck
w/Model 8270 Scale

Component and Control Locations

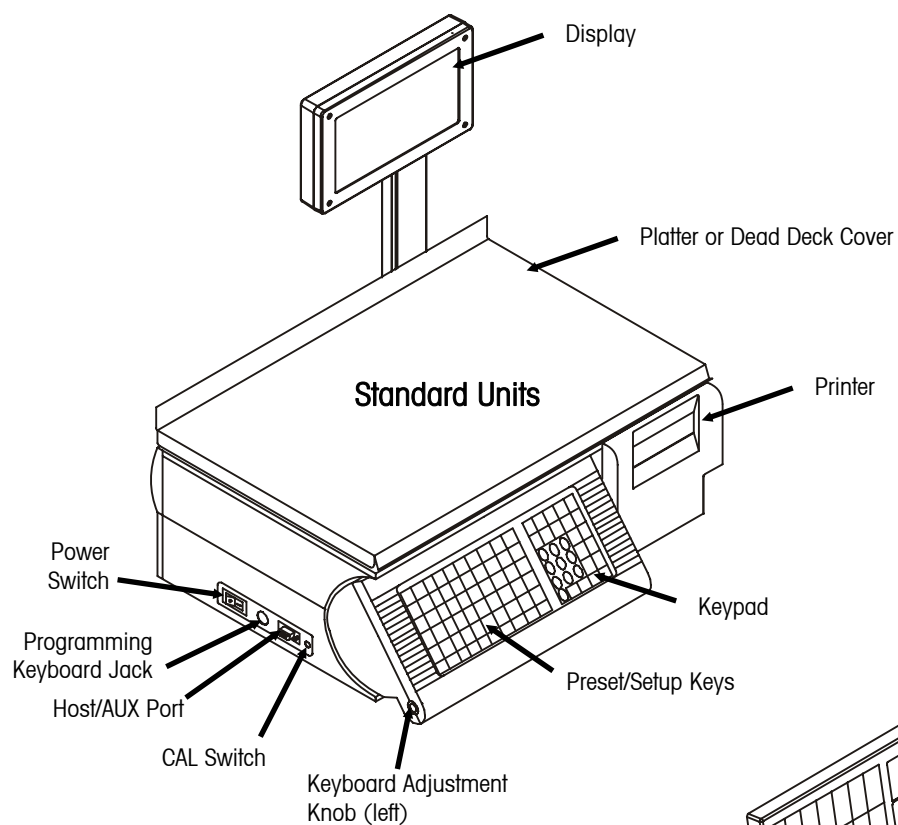


Figure 1-4: Standard Model 8450

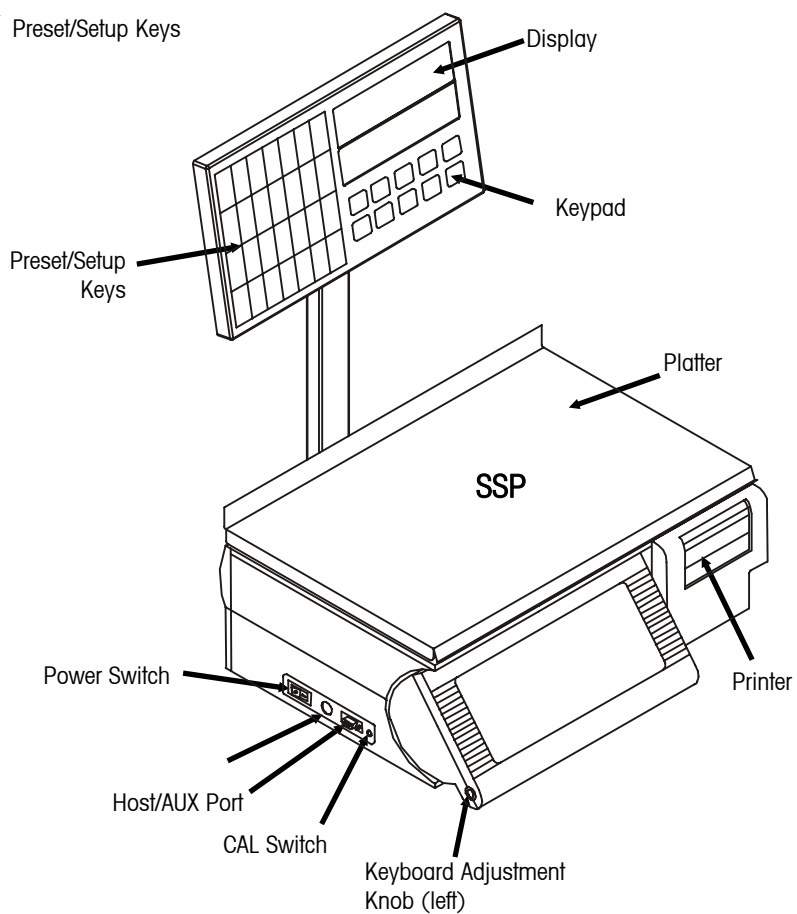


Figure 1-5: Model 8450 SSP
(Self Service Pictogram)

Displays

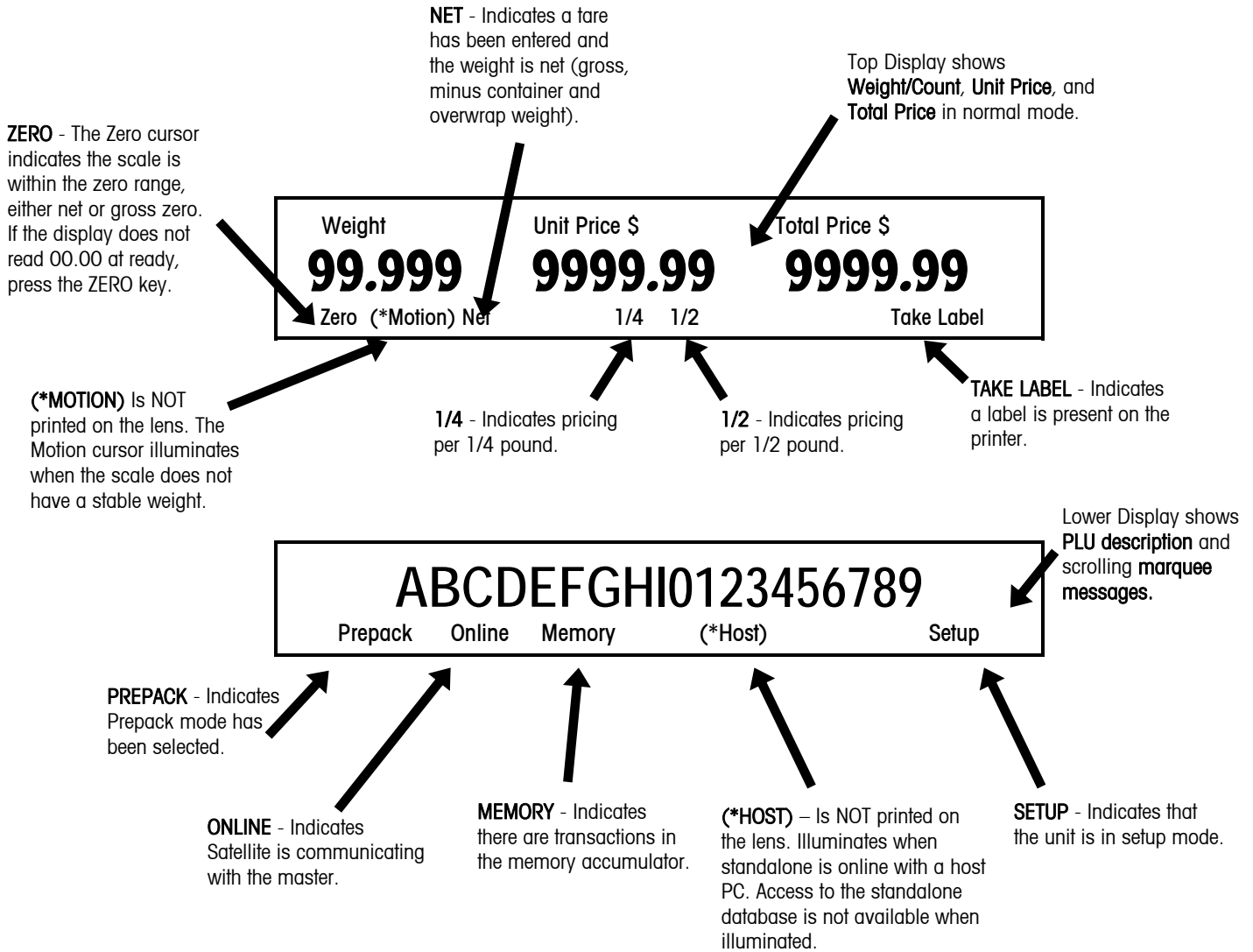
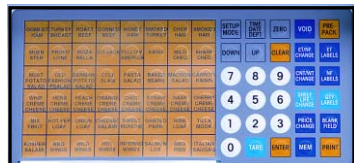


Figure 1-6: Display and Lens

Keyboards

Standard Keyboard



A 30-key basic keypad is used for operating the scale and a 48-key area is used for preset quick keys for fast PLU retrieval.

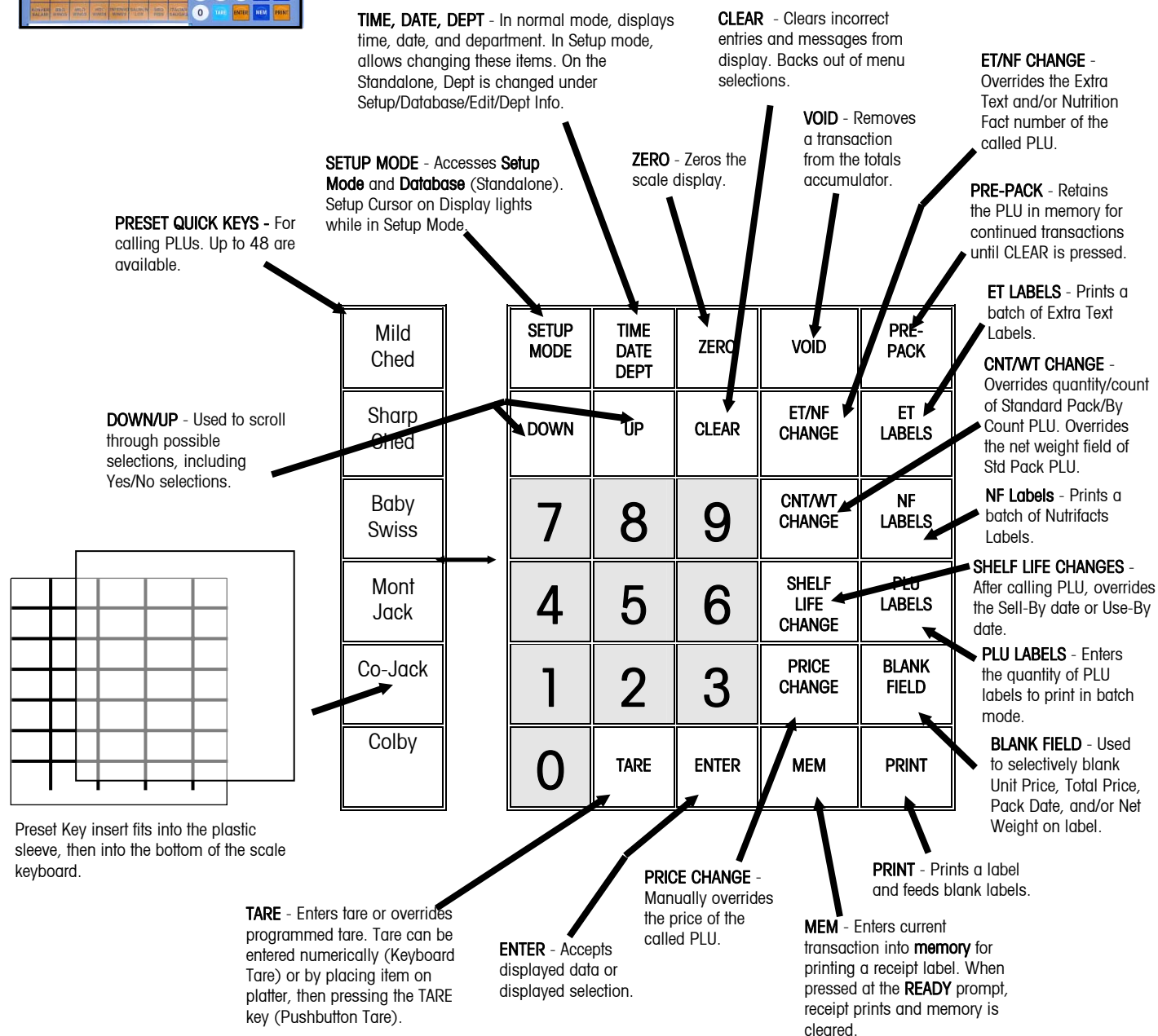


Figure 1-7: Standard Keyboard

SSP Keyboard



The Model 8450 SSP (Self Service Pictogram) Scale is designed for quick and easy call-up of PLUs. This unit is ideal for customer use in produce areas. Graphics and a template for creating the preset key layout are available from METTLER TOLEDO®.

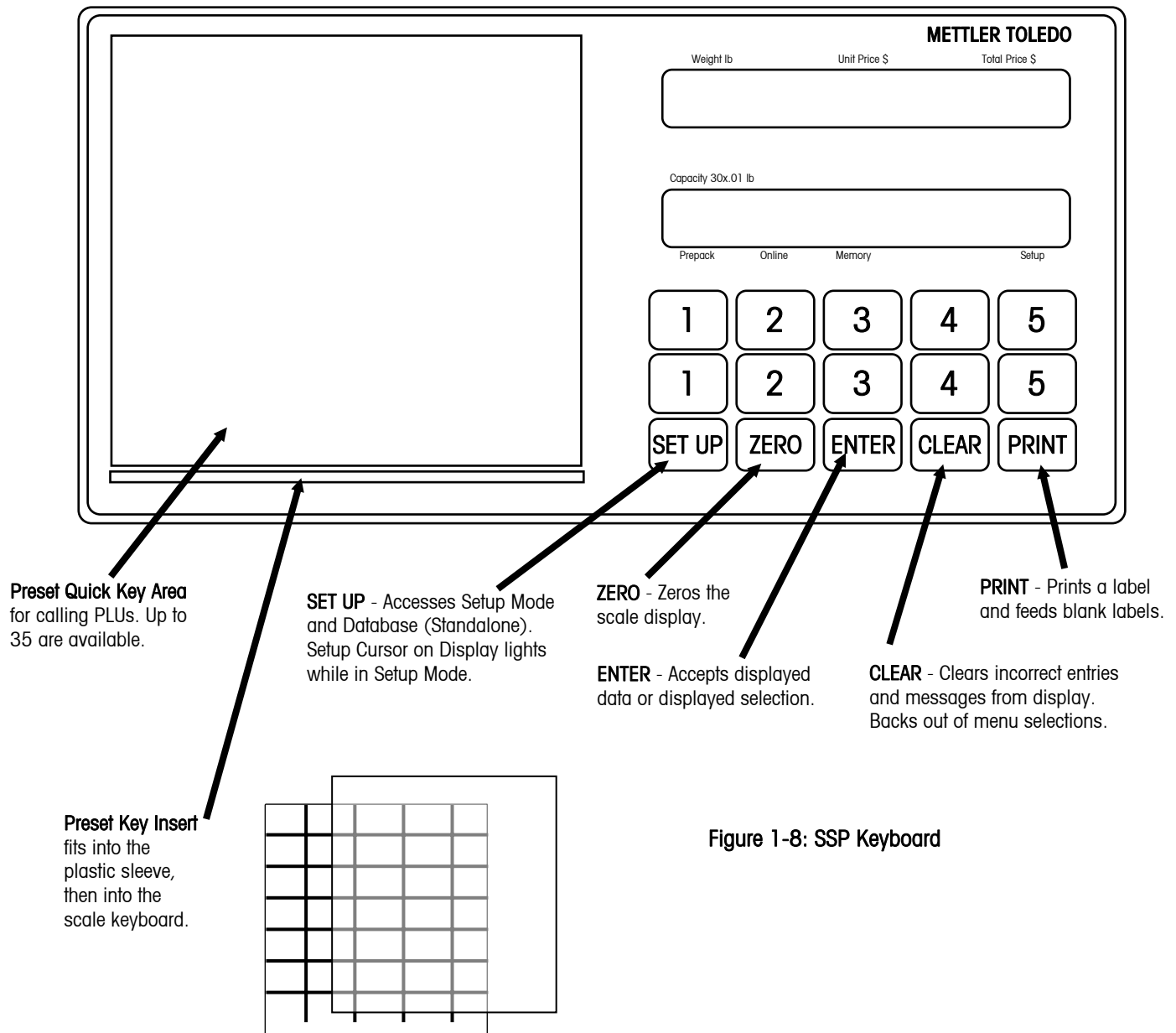


Figure 1-8: SSP Keyboard

Power Up Sequence

The Model 8450 is powered up using the Power switch on the front left side of the scale (see Figure 1-4). Press the “-” to turn the scale on; the “o” is an off position.

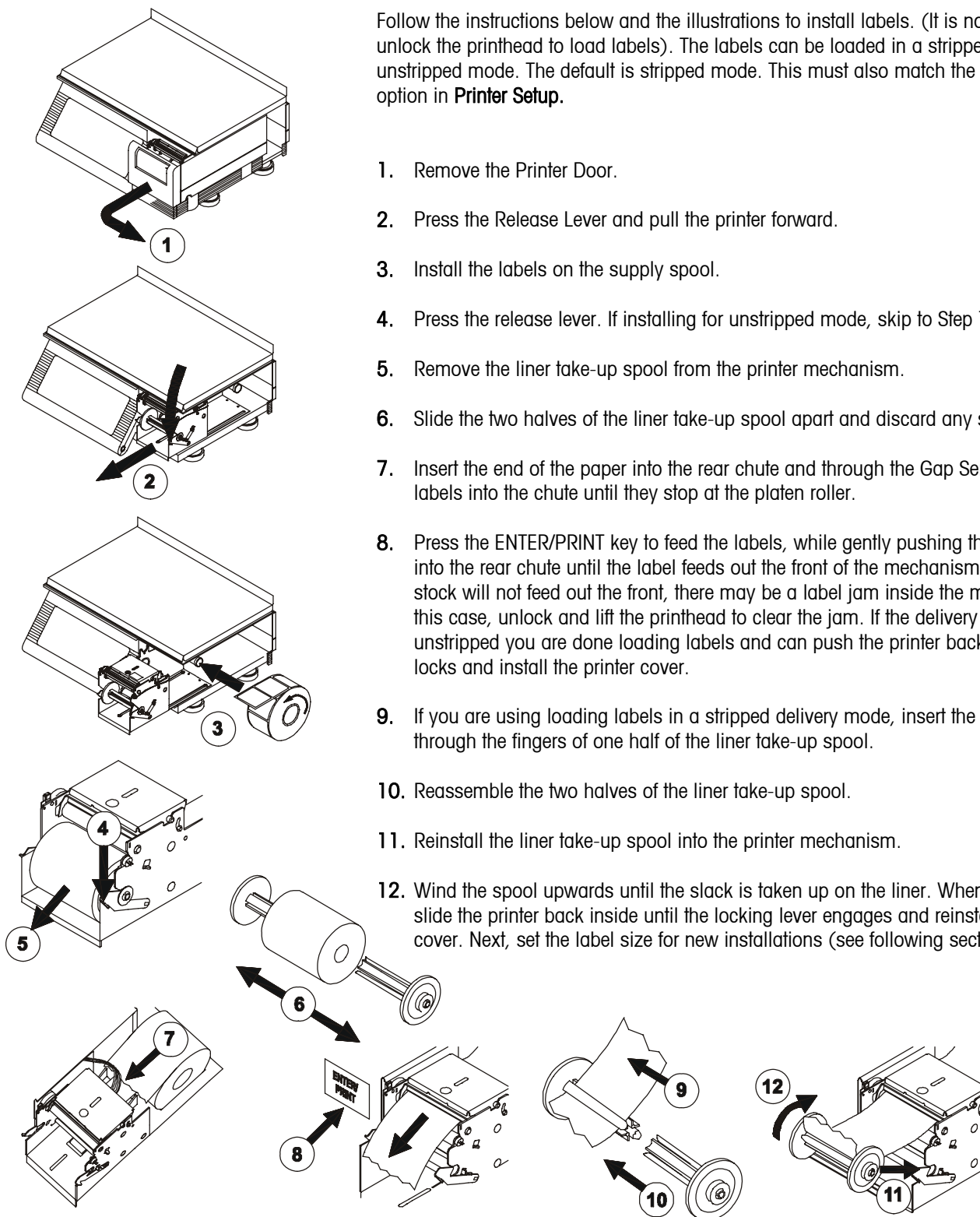
Upon being powered up, the scale performs an initial test, and then all segments of the display are tested. After a short period of time, the display shows the **READY** prompt. Should the scale not show a weight of 0.00, simply press the [ZERO] key. For the satellite models, the “Online” cursor will appear when master-satellite communications are established.

2

Label Installation

Follow the instructions below and the illustrations to install labels. (It is not necessary to unlock the printhead to load labels). The labels can be loaded in a stripped mode or unstripped mode. The default is stripped mode. This must also match the DELIVERY option in **Printer Setup**.

1. Remove the Printer Door.
2. Press the Release Lever and pull the printer forward.
3. Install the labels on the supply spool.
4. Press the release lever. If installing for unstripped mode, skip to Step 7.
5. Remove the liner take-up spool from the printer mechanism.
6. Slide the two halves of the liner take-up spool apart and discard any spent liner.
7. Insert the end of the paper into the rear chute and through the Gap Sensor. Feed labels into the chute until they stop at the platen roller.
8. Press the ENTER/PRINT key to feed the labels, while gently pushing the label stock into the rear chute until the label feeds out the front of the mechanism. If the label stock will not feed out the front, there may be a label jam inside the mechanism. In this case, unlock and lift the printhead to clear the jam. If the delivery method is unstripped you are done loading labels and can push the printer back in until it locks and install the printer cover.
9. If you are using loading labels in a stripped delivery mode, insert the label liner through the fingers of one half of the liner take-up spool.
10. Reassemble the two halves of the liner take-up spool.
11. Reinstall the liner take-up spool into the printer mechanism.
12. Wind the spool upwards until the slack is taken up on the liner. When complete, slide the printer back inside until the locking lever engages and reinstall the printer cover. Next, set the label size for new installations (see following section).



Set Label Size

3 – SELECT FUNCTION will return to the display. Press LABEL FORMAT, then use the UP/DOWN.

2 – When **SELECT FUNCTION** appears on the display, select the **LABEL SIZE** button. Use **UP/DOWN** keys to select the size needed, then press **ENTER**.

1 - Press **SETUP MODE** key. When **UNIT** appears select **ENTER**.

4 - Press **CLEAR** twice to return to **READY**.

5 - Press **PRINT** to feed a label.

UP/DOWN keys

Setup Mode Overlay

14551300A							
PLU PRESET	UNIT ID	RESET LABELS	LABEL PRINTER	LABEL SIZE	ENABLE MODIFY	VERIFY LABELS	PASS-WORDS
PRESET REACT.	CAL	DEFAULTS	HOST	LABEL FORMAT	ENABLE FUNC	<i>EDIT</i>	BEEPER
ID PRESET	CURRENCY	RESET RAM UNIT		STRIP		<i>QUICK CHANGE</i>	
MARQUEE	PLU SETTING			GAP LENGTH		<i>PRINT</i>	
MARQUEE SPEED	BAR CODE SETTING			IMAGE OFFSET		<i>CLEAR</i>	
				EJECT LENGTH			TIME DATE FORMAT

SETUP MODE	TIME DATE DEPT	ZERO	VOID	PRE- PACK
DOWN	UP	CLEAR	ET/NF CHANGE	ET LABELS
	8	9	CNT/WT CHANGE	NF LABELS
	5	6	SHELF LIFE CHANGE	QTY LABELS
	2	3	PRICE CHANGE	BLANK FIELD
	TARE	ENTER	MEM	PRINT

After the labels have been installed, press the SETUP MODE key (1). Using the Setup Mode Overlay, set the label size by the pressing LABEL SIZE key (2). Use the UP/DOWN keys to display the correct label size, then press the ENTER key.

Next, set the label delivery mode by pressing the LABEL FORMAT key (3). Press CLEAR (4) to return to Select Function display. Perform any additional setup, then press CLEAR again to return to Ready.

After setup is complete, press the PRINT key (5) before calling up a PLU and printing a label. The printer compares the actual label size with the programmed size. A **LABEL SIZE ERROR** occurs if

3

Unit Set Up

Unit Setup mode is used to change certain functional options of the Model 8450. During this mode, the "Setup" cursor will be lit on the lower display.

Setup Overlay

Prompts that appear on the display will be shown here in **BOLD** type.

Unit Setup mode is used to change certain functional options of the Model 8450 Satellite and Stand Alone. During this mode, the "Setup" cursor will be lit on the lower display.

Before entering Setup mode, remove the standard preset insert and install the Setup overlay (Figure 3-1 and Figure 3-2) in the slit below the preset keys. This overlay identifies which preset keys correspond with the functional options.

The four keys in *Italics* are database setup functions only available in the Stand Alone unit and are discussed in Database Setup.

14551300A							
PLU PRESET	UNIT ID	RESET LABELS	LABEL PRINTER	LABEL SIZE	ENABLE MODIFY	VERIFY LABELS	PASS- WORDS
PRESET REACT.	CAL	DEFAULTS	HOST	LABEL FORMAT	ENABLE FUNC	<i>EDIT</i>	BEEPER
ID PRESET	CURRENCY	RESET RAM UNIT		STRIP		<i>QUICK CHANGE</i>	
MARQUEE	PLU SETTING			GAP LENGTH		<i>PRINT</i>	
MARQUEE SPEED	BAR CODE SETTING			IMAGE OFFSET		<i>CLEAR</i>	
				EJECT LENGTH			TIME DATE FORMAT

Figure 3-1: Standard Keyboard Setup Mode Overlay

Some of these function keys will be discussed further in this chapter. For detailed information on all the function keys, please refer to the **8450 Service Manual**.

EDIT	UNIT ID	RESET LABELS	LABEL PRINTER	LABEL SIZE
PRINT	CAL	DEFAULTS	HOST	LABEL FORMAT
CLEAR	CURRENCY	RESET RAM UNIT	VERIFY LABELS	TIME DATE DEPT.
MARQUEE	PLU SETTING	ENABLE MODIFY	PASSWORDS	TIME DATE FORMAT
MARQUEE SPEED	BAR CODE SETTINGS	ENABLE FUNCTION	BEEPER	PREPACK
PLU PRESET	PRESET REACT	ID PRESETS	EJECT LENGTH	QUICK CHANGE
STRIP	GAP LENGTH	IMAGE OFFSET	DOWN	UP

Figure 3-2: SSP Keyboard Setup Mode Overlay

Programming with the Preset/Setup Keyboard

The Preset/Setup Keyboard (except 8450 SSP) can be used to program the descriptions, store address, etc., except Extra Text, which requires the external programming keyboard. The CLEAR key is used to move to the next line or save.

#	\$	%	()	-	+	=
[]	/	\	,	.	O	P
Q	W	E	R	T	Y	U	I
A	S	D	F	G	H	J	K
Z	X	C	V	B	N	M	L
<Shift>	<Space>	~	<	>	*	→	←

Figure 3-3: Programming Keyboard Layout

Enter Unit Setup

To enter the Unit Setup mode, press the [SETUP MODE] key. If a password has been set, key in the password, then press [ENTER]. For details on passwords, refer to page 3-11.

Stand Alone Only

If the Model 8450 is a Stand Alone model, there will be 2 options upon pressing the [SETUP MODE] key. Pressing the [DOWN] or [UP] keys will scroll through these two options, **UNIT** and **DATABASE**. Press [ENTER] on **UNIT** to enter the unit setup and enter the *unit setup* password if required. Separate passwords can be assigned to unit and database setup modes. The database setup mode is discussed in the following chapter. This chapter discusses the unit setup mode.

Exit Unit Setup

After changing the desired configurations, press the [CLEAR] key to return to the first option in the current menu; press [CLEAR] again to return to the previous menu or the **SELECT FUNCTION** prompt. To exit Setup Mode, press [CLEAR] when the display shows **SELECT FUNCTION**. The display will then read **READY**, and the unit is ready for operation.

Time Date Format

This key is used to select the format of the time, date, symbol used for displaying the date and . In Unit Setup Mode at the prompt **SELECT FUNCTION**, press the **TIME DATE FORMAT** key on the setup overlay. Use the **UP** or **DOWN** keys to toggle between **DATE**, **TIME**, **DATE SEPARATOR**, and **SYNCH WITH MASTER**.

When all the changes have been made, press **CLEAR** (two times) to return to **SELECT FUNCTION**.

Date Format

After toggling to the **DATE** display, press [ENTER]. Press the [UP] and [DOWN] keys to toggle between the possible date form selections of **YY/MM/DD**, **YY/MM/DD**, **MM/DD/YY**, or **DD/MM/YY**. When the preferred form is displayed, press [ENTER].

Examples:

MM/DD/YY	(10/27/06)
DD/MM/YY	(27/10/06)
YY/MM/DD	(06/10/27)
YY/MM/DD	(06 JAN 30)

Time Format

Next **TIME** will display, press [ENTER]. Press the [DOWN] and [UP] keys to select a **12** hour and a **24** hour clock. When the desired format is displayed, press [ENTER].

Date Separator

When **DATE SEPARATOR** displays, press [ENTER]. Press the [DOWN] and [UP] keys to toggle between a comma (,), dash (-), and slash (/).

When the preferred date separator is displayed, press [ENTER].

Synch with Master

Select **Y** (Yes) or **N** (No) to synchronize time, date and department of the Unit with the Master. Press [ENTER] to set preference.

Department Change

Satellite Only: The department cannot be changed if the scale is off line. If the satellite is online, the display will show **DOWNLOADING DEPT...** upon entering this mode.

After toggling to the **DEPT** display, press [ENTER]. Press the [DOWN] and [UP] keys to move between available departments or key in the department number. When the desired department name or number is displayed, press [ENTER].

Then **TIME** appears, and using the [DOWN] and [UP] keys, you can toggle between **TIME**, **DATE**, and **DEPT**.

PLU Preset

Forty-eight (48) keys on the standard keyboard and thirty-five (35) on the SSP keyboard are provided for use as PLU Preset keys used for one key call up of PLU records. Several paper overlays and a clear plastic envelope are provided to label and protect the preset keys. Templates are available for both keyboards. Images of produce items are available to customize the SSP insert. Both templates can be created and maintained with a PC.

Programming a Preset Key

To assign a PLU to a Preset Key, enter the Setup mode and when prompted to **SELECT FUNCTION**, press the [PLU PRESET] key on the Setup overlay. You are prompted to **PRESS PRESET KEY**. Press the preset key you would like to use and the prompt **PLU** is then displayed. Key in the PLU number, then press [ENTER].

PRESS PRESET KEY is displayed again prompting you to program another preset key. This message will appear each time you complete entering a preset number. To exit from this mode, press [CLEAR]; at this time, and you will be returned to the **SELECT FUNCTION** display.

Preset Reaction

When **PRINT** is selected, this eliminates keystrokes, however, the operator may not use the override functions for PLU's retrieved using the preset keys.

The way a preset key functions can be selected using Preset Reaction. To change the preset key reaction, while in Setup mode and prompted to **SELECT FUNCTION**, press the [PRESET REACT] key on the Setup overlay. Use the [DOWN] and [UP] keys to toggle between **PRINT** and **ENTER**. If the **PRINT** option is selected, the Model 8450 will automatically print a label after a preset key is pressed. When the **ENTER** option is selected, the Model 8450 will wait until the operator presses [PRINT] to print a label. When using By-Weight PLUs, a label will not print until a weight is on the scale even if the [PRESET REACT] is set to **PRINT**.

Marquee

The Marquee will not function if scale is off line.

A marquee is an Action message that scrolls across the display if there is no activity for about five seconds and no PLU is displayed. The marquee texts are programmed at the master, while the marquees in the stand alone are programmed in the [EDIT] function. You may choose up to ten Marquee messages, numbered 0 through 9 that will sequentially scroll across the display.

Selecting Messages

When in the Unit Setup mode and prompted to **SELECT FUNCTION**, press [MARQUEE] on the Setup overlay. You may select up to ten (0-9) action codes to scroll across the screen; use the [DOWN] and [UP] keys to toggle between these.

To select a marquee, toggle to the marquee number you wish to change and press [ENTER]. Key in the desired Action code number (or "0" for no marquee), then press [ENTER].

You may now change more marquees, or press [CLEAR] two times to finish. The marquee messages will then scroll across the display in their respective numbered order when the scale is idle.

Changing the Speed

In the set up mode and prompted to **SELECT FUNCTION**, press the [MARQUEE SPEED] key on the Setup overlay. Key in a digit, 0 through 9 with 0 corresponding to the slowest speed and 9 corresponding to the fastest speed. Press [ENTER].

Label Format

The label formats are entered using the first nine options from the [LABEL FORMAT] menu. The last eight options are label specifications. Complete label setups can be programmed using the [LABEL SIZE] key. If a single label specification needs to be changed, this can be done quickly using the single specification keys on the Setup overlay; these keys are [STRIP], [GAP LENGTH], [IMAGE OFFSET], and [EJECT LENGTH] on the Setup overlay.

Label Format Key

Note: Refer to Chapter 7 for Label Format Codes. Refer to the **Model 8450 Service Manual**, for illustrations of the label formats.

There are eight label specification options in the Stand Alone and Satellite, nine label format options in the Satellite and 11 label format options in the Stand Alone in the Label Format menu. First set the label size, then select the label format. Only change the label specifications if you are familiar with these functions. If not, contact your service department. The scale will auto-measure two labels if necessary. To set the label size see the MEASURE LABEL prompt under the [LABEL FORMATS] key or the [LABEL SIZE] key.

Label Formats

The following label formats are available for each of the following label types:

Satellite: By Weight, Prepack, By Count, Standard Pack, Receipt, Verification, Run Total, Nutrition Facts (second label), and Extra Text.

Stand Alone: By Weight, Prepack, By Count, Standard Pack, Receipt, Verification, Run Total, Report Totals, Nutrition Facts (second label), Extra Text and Graphics.

There are several default label formats for each label size. Chapter 7 contains examples of each of the label formats and their corresponding numbers. Custom label formats may be created using a Model 8461 and DATABACK software (V4.0 and greater; 8450 version 2.0 and later).

To specify a format for a particular label type, when prompted to **SELECT FUNCTION**, press [LABEL FORMAT] on the Setup overlay. Using the [DOWN] and [UP] keys, you can toggle between several options. The first nine options for Satellite and the first 11 options for Stand Alone are label types. When the label type you wish to change is displayed, press [ENTER]. Next, key in the desired format number and then press [ENTER] (refer to the 8450 Service Manual for label format illustrations).

Label Specifications

Toggle through the Label Format menu until you get to the following label specification options: **LABEL LENGTH**, **GAP LENGTH**, **DELIVERY**, **LABEL TYPE (CONTINUOUS OR DIE CUT)**, **MEASURE LABEL**, **EJECT LENGTH**, **LABEL WIDTH**, and **IMAGE OFFSET**. Each of the specifications are explained below.

LABEL LENGTH

This function is used to select the default label length.

When **LABEL LENGTH** appears on the screen, press [ENTER]. Next, key in your label length (mm), press [ENTER]. Standard lengths are listed below.

- 40.0 mm (= 1.5 in)
- 48.3 mm (= 1.9 in)
- 53.3 mm (= 2.1 in)
- 61.0 mm (= 2.4 in)

Continuous label stock can be selected using the [LABEL SIZE] key, see Quick Label Specification Keys.

- 83.8 mm (= 3.3 in)
- 94.0 mm (= 3.7 in)
- 107.7 mm (= 4.2 in)
- 119.4 mm (=4.7 in)
- 129.5 mm (= 5.1 in)

GAP LENGTH

The gap length of the label (mm) can be adjusted to compensate for variances in different label suppliers. To change the gap length, use the [DOWN] and [UP] keys until **GAP LENGTH** appears on the display. Press [ENTER]. Key in the desired gap length (mm), press [ENTER]. (Normal gap length for METTLER TOLEDO specified labels is 3.2 mm).

DELIVERY

This function is used to select the delivery mode of the label printer. Stripped will deliver the label to the operator without the label backing. Unstripped will deliver the label to the operator on the label backing. Unstripped mode also turns the label taken sensor off allowing you to print another label before the first is removed from the printer.

Use the [DOWN] or [UP] keys until **DELIVERY** appears on the display. Press [ENTER]. Use [DOWN] and [UP] to select either **STRIPPED** or **UNSTRIPPED**. When the desired delivery mode is displayed, press [ENTER].

LABEL TYPE

This selection is used to enter in the type of labels being used, either continuous or die cut labels. To change this entry, press [ENTER] when **LABEL TYPE** is displayed. Use the [DOWN] and [UP] keys to toggle between **DIE CUT** and **CONTINUOUS**. When the correct label type is displayed, press [ENTER].

MEASURE LABEL

To measure the current label and gap length, toggle to **MEASURE LABEL** and press [ENTER]. Two labels will be ejected. The measured values will be set as the **LABEL LENGTH** and **GAP LENGTH**, replacing the current settings, however these values will not appear in the setup menu until setup is exited and re-entered.

EJECT LENGTH

The Eject Length is the distance the label is ejected out beyond the print head. The default value is 5.5 mm. If this value is set higher, the labels will eject further, and if in stripped mode, the labels may even fall completely off the stripper bar. If this value is set too high, printing in this region may be lost or printed on the bottom of the next label.

If Eject Length value is set too low, too much of the die cut label may remain on the stripper bar, and it may be difficult to peel off the label.

To change this value, when **EJECT LENGTH** is displayed, press [ENTER]. Key in the desired value (mm); press [ENTER].

LABEL WIDTH

This function is used to select the default label width. Increasing the width will shift text to the left of the label. Decreasing the width will shift text to the right of the label.

To change this setting, press [ENTER] when **LABEL WIDTH** appears on the display. Key in the new width (mm) and press [ENTER].

IMAGE OFFSET

The image offset adjustment (mm) is used to offset the printed image on the labels. The default is 5.2 mm. To raise the image on a label, lower the Image Offset value. To lower the image on a label, increase the Image Offset value.

To change the Image Offset value, press [ENTER] when **IMAGE OFFSET** is displayed; key in the desired value (mm); press [ENTER].

Label Size Key

Label Size

The [LABEL SIZE] key is used to change the default label size. Along with the size being changed, all the settings associated with that size under the [LABEL FORMAT] key are changed also. Any changes you make under the [LABEL FORMAT] key will be retained with the current size selected under the [LABEL SIZE] key. For example, if you are on 48.3 mm in the [LABEL SIZE] menu and change the By Weight Format to number 99 and eject length to 3.0, whenever you return to label size 48.3 mm the By Weight Format is 99 and eject length is 3.0.

When in the Unit Setup mode and prompted to **SELECT FUNCTION**, press the [LABEL SIZE] key on the Setup overlay.

Using the [DOWN] and [UP] keys, you may choose between the following selections. Press [ENTER] on your selection.

- 48.3 mm (= 1.9 in)
- 53.3 mm (= 2.1 in)
- 61.0 mm (= 2.4 in)
- 83.8 mm (= 3.3 in)
- 94.0 mm (= 3.7 in)
- 107.7 mm (= 4.2 in)
- 119.4 mm (=4.7 in)
- 129.5 mm (= 5.1 in)
- **CONT** (Roll Stock)

Quick Label Specification Keys

These keys allow you to go quickly to a label specification without toggling through the **LABEL FORMAT** menu.

Label Size

The [LABEL SIZE] key is used to quickly change the default label size.

When in the Unit Setup mode and prompted to **SELECT FUNCTION**, press the [LABEL SIZE] key on the Setup overlay.

Using the [DOWN] and [UP] keys, you may choose between the following selections.

- 48.3 mm (= 1.9 in)
- 53.3 mm (= 2.1 in)
- 61.0 mm (= 2.4 in)
- 83.8 mm (= 3.3 in)
- 94.0 mm (= 3.7 in)
- 107.7 mm (= 4.2 in)
- 119.4 mm (=4.7 in)
- 129.5 mm (= 5.1 in)
- **CONT** (Roll Stock)

In addition to changing the label delivery softswitch, a different label installation procedure is required for stripped and unstripped delivery, see chapter 2.

After toggling to the correct label size, press [ENTER].

Label Delivery

The [STRIP] key is used to quickly change the delivery mode of the label printer; Stripped will deliver the label to the operator without the label backing. Unstripped will deliver the label to the operator with the label backing.

In the Setup mode and prompted to **SELECT FUNCTION**, press [STRIP] on the Setup overlay. Press the [DOWN] or [UP] key to toggle between **STRIPPED** and **UNSTRIPPED**. When the desired delivery mode is selected, press [ENTER].

Gap Length

The gap length is the distance (mm) between die cut labels. This length can be adjusted to compensate for variances in different label suppliers. The gap length may be changed in the Setup mode. When prompted to **SELECT FUNCTION**, press [GAP LENGTH] on the Setup overlay. Key in the desired gap length (mm), press [ENTER]. (Normal gap length for METTLER TOLEDO specified labels is 3.2 mm).

Image Offset

The Image Offset (mm) is used to offset the printed image on the labels. The default is 5.2 mm. To raise the image on a label, lower the Image Offset value. To lower the image on a label, increase the Image Offset value.

To change this value, go to the Setup mode and when prompted to **SELECT FUNCTION**, press the [IMAGE OFFSET] key on the Setup overlay. Key in the desired value (mm), press [ENTER].

Eject Length

The default Eject Length value is 5.5 mm. If this value is set higher, the labels will eject further, and if in stripped mode, the labels may even fall completely off the stripper bar. If this value is set too high, printing in this region may be lost or printed on the bottom of the next label.

If the Eject Length value is set too low, too much of the label may remain on the stripper bar, and it may be difficult to peel off the label.

To change this value, go to Setup mode and when prompted to **SELECT FUNCTION**, press the [EJECT LENGTH] key on the Setup overlay. Key in the new value (mm) and press [ENTER].

Enable Modify Functions

The [ENABLE MODIFY] setup key controls whether the operator may or may not modify the following values during a transaction: shelf life, use by date, net weight, price, quantity/count, or extra text/nutrition fact number.

To change these settings, enter the Unit Setup mode, and when prompted to **SELECT FUNCTION**, press the [ENABLE MODIFY] key on the Setup overlay.

You are now able to toggle between items such as: **SHELF LIFE**, **USE BY** (use by date), **NET WEIGHT**, **PRICE**, **QTY/COUNT**, and **EX/NF#** (Extra Text/Nutrition Fact Number). **YES** allows the operator to override the programmed value; **NO** does not allow the operator to override the programmed value.

When the field you wish to change appears on the display, press [ENTER]. Press the [DOWN] key to toggle between **YES** and **NO**. When the desired appears on the display,

press [ENTER]. You may now continue with more fields. When completed, press [CLEAR] to escape.

Verify Labels

This function allows the user to print out labels of all (or selected) PLU's in a particular department. The format of these labels is determined in the [LABEL FORMAT] Setup.

When prompted to **SELECT FUNCTION**, press the [VERIFY LABELS] key on the Setup overlay.

Stand Alone Only

In the Stand Alone model, a list of which type of labels can be verified will be presented. This includes **PLU/ITEM**, **EXTRA TEXT**, **NUTRIFACT**, and **GRAPHIC**. Toggle through these options with the [UP] and [DOWN] key and select one by pressing [ENTER]. The format of these labels is determined in the [LABEL FORMAT] setup. No department needs to be specified when verifying Extra Text, Nutrifacts or Graphics since they are not associated with any department but are available to all departments. Follow the directions below to print verification labels.

Key in the department number. Press [ENTER]. Key in the number of the first PLU you would like printed (default is 1). Press [ENTER]. Key in the number of the last PLU you would like printed (default is 999999). Press [ENTER]. You will then be asked if you want to start printing. Press [ENTER] to begin printing. Press [CLEAR] to cancel.

In the Satellite model, if the unit is off line, the back-up PLU's will be printed. If the unit is on line, the PLU's from the master database will be printed.

Programming Unit Password

When prompted to **SELECT FUNCTION**, press the [PASSWORDS] key on the Setup overlay. The existing unit password will be displayed. To change the password, key in the new password, a number between 1 and 9999. If no password is desired, key in 0. Press [ENTER].

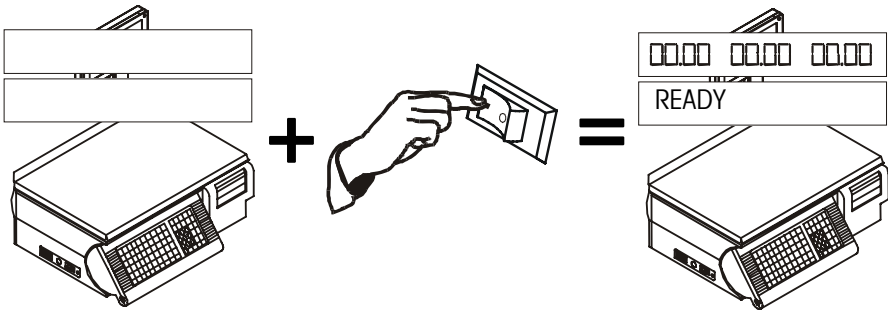
This password is different from the Stand Alone model's Database Setup password. If you are in database setup, the [PASSWORDS] key functions in the same manner but programs a password for entering Database Setup.

4

Operating the Scale

Basic Functions

Starting the Model 8450

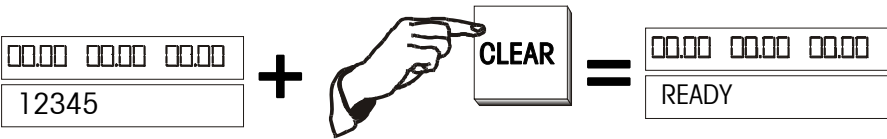


Zero



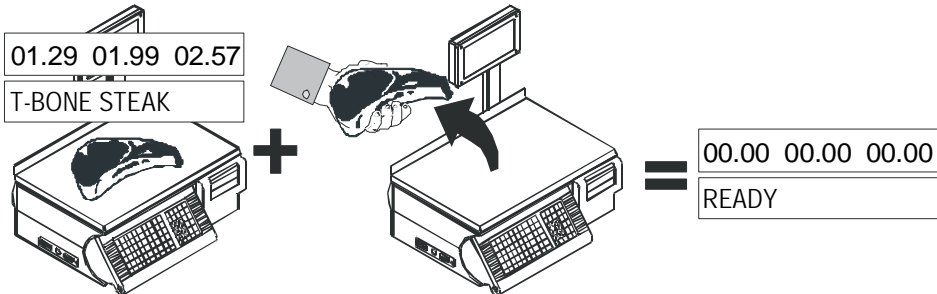
Clear

Manual Clear

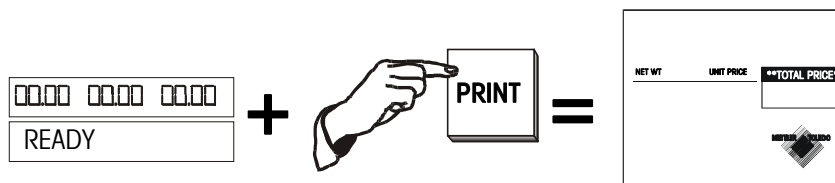


Automatic Clear

In the Service Mode, after a label is printed for a By Weight PLU, and the item is removed from the platter, the display will automatically clear the PLU and return to the READY prompt.



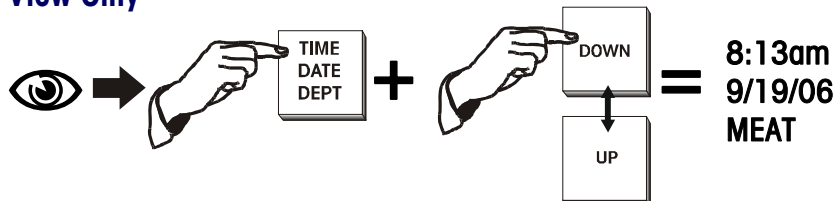
Label Feed



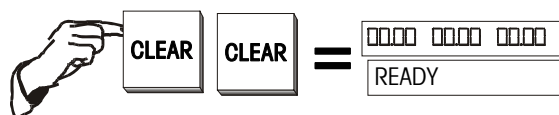
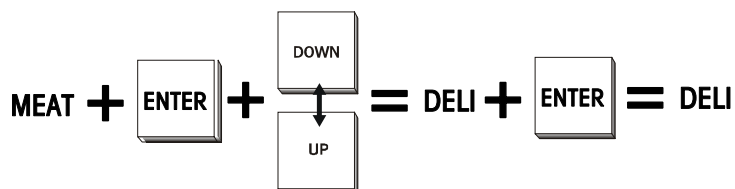
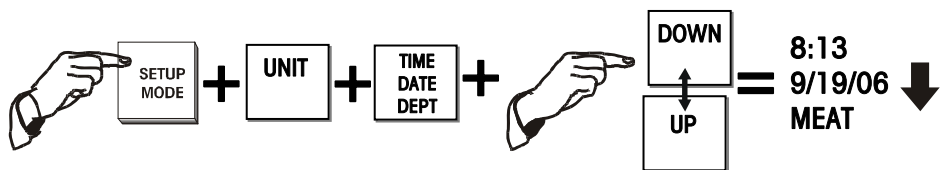
Time, Date, Department

View Only

UNIT



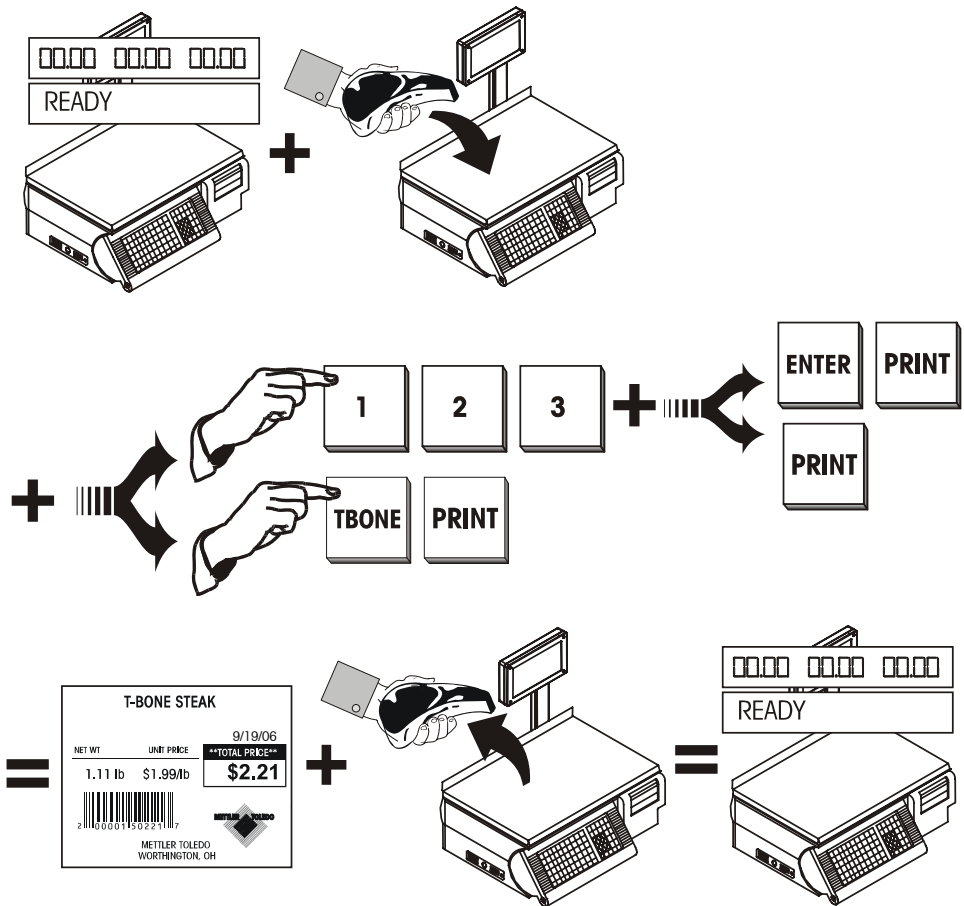
Change



Calling a PLU and Printing Labels

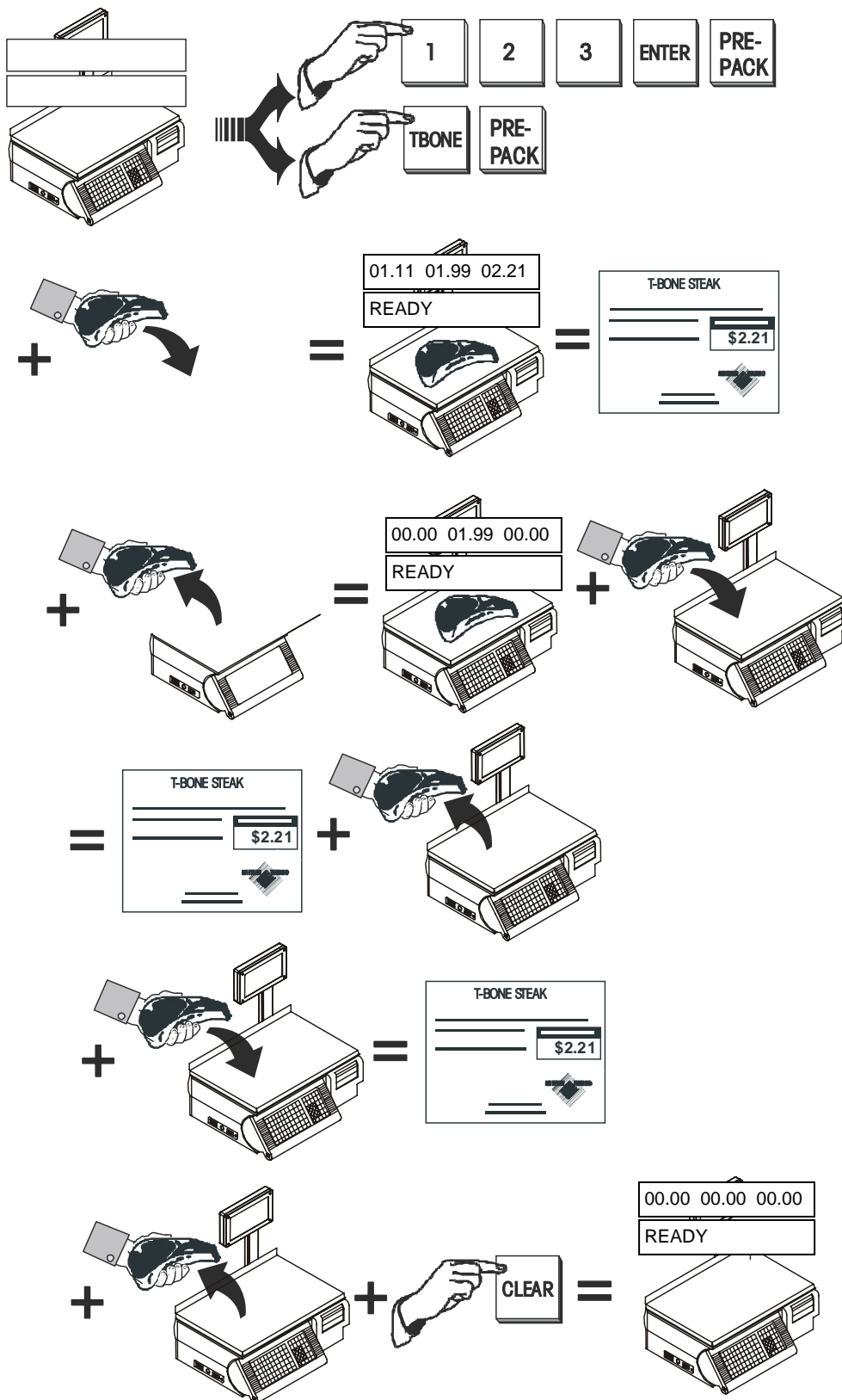
By-Weight PLU Service Mode

To print a single By-Weight label, follow this procedure. If the READY prompt is not displayed, press the CLEAR key before starting.



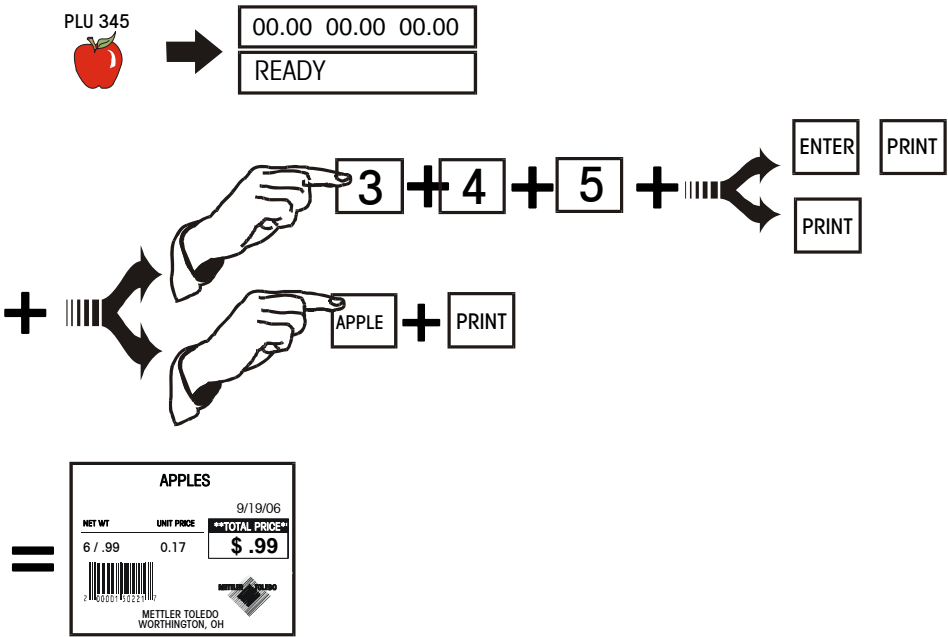
By-Weight PLU Prepack Mode

To print a run of labels (multiple labels of the same PLU number), use the Prepack Mode. Prepack mode retains the PLU in memory until you press the CLEAR key to end the run. If the READY prompt is not displayed, press the CLEAR key before starting.

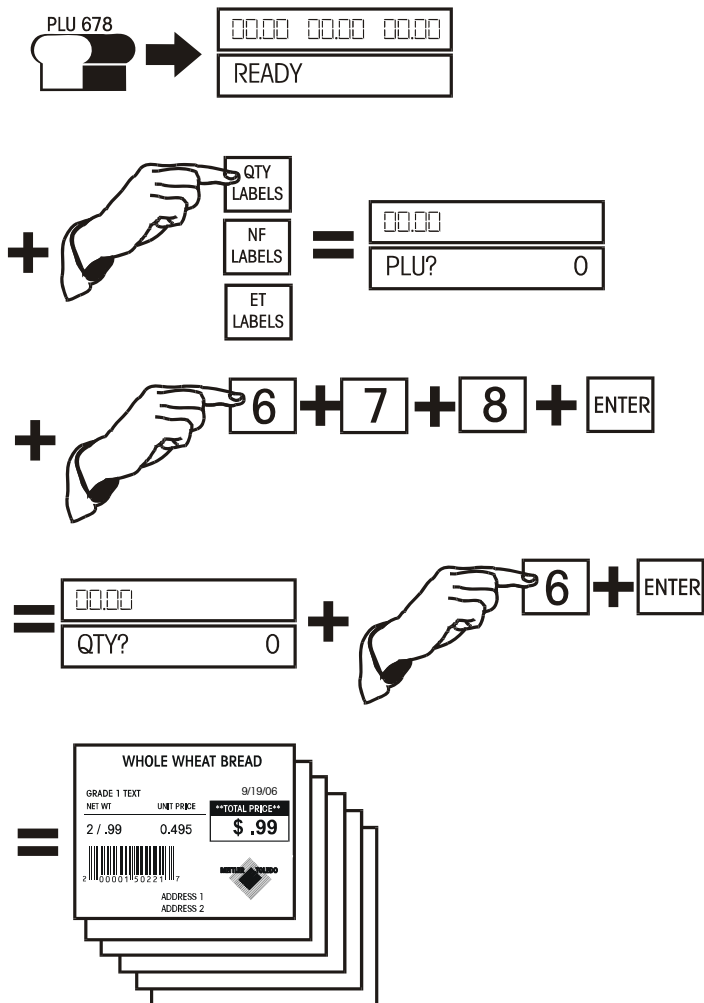


By-Count and Standard Pack (Single Label)

To print a single By-Count or Standard Pack label, follow this procedure. If the READY prompt is not displayed, press the CLEAR key before starting.

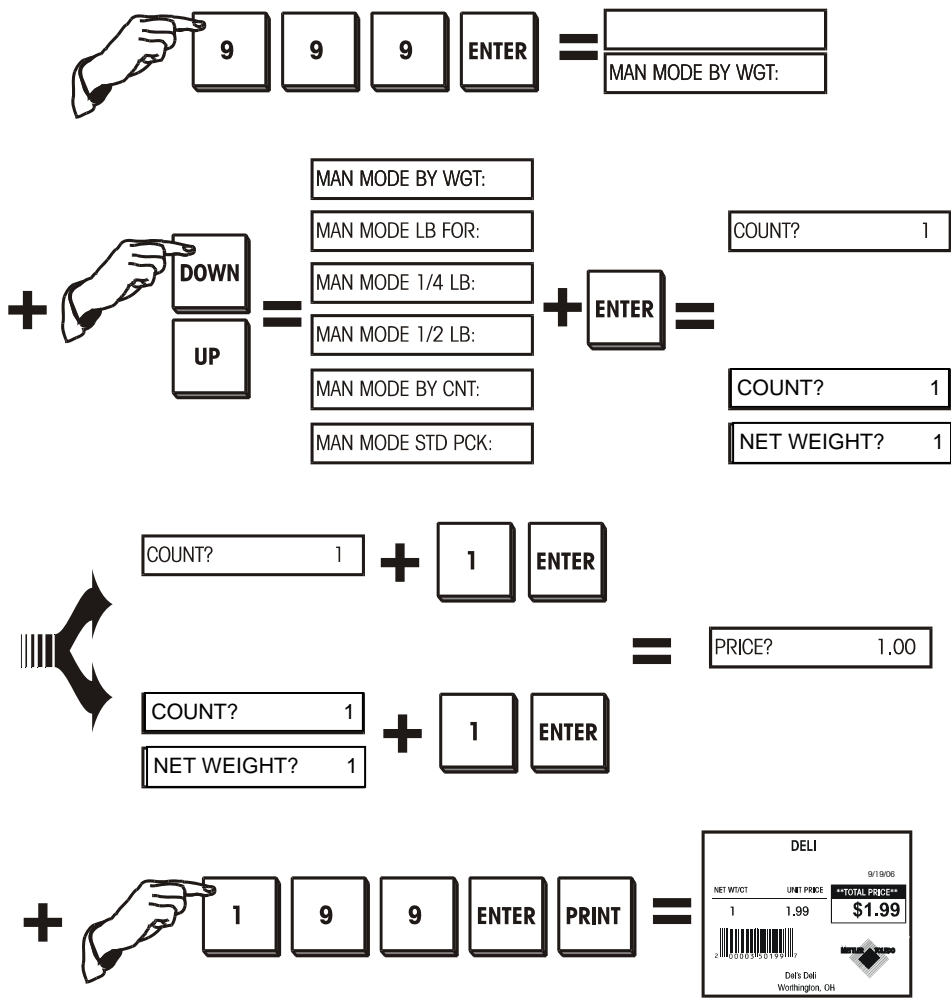


Batch Printing (By-Count and Standard Pack Only)

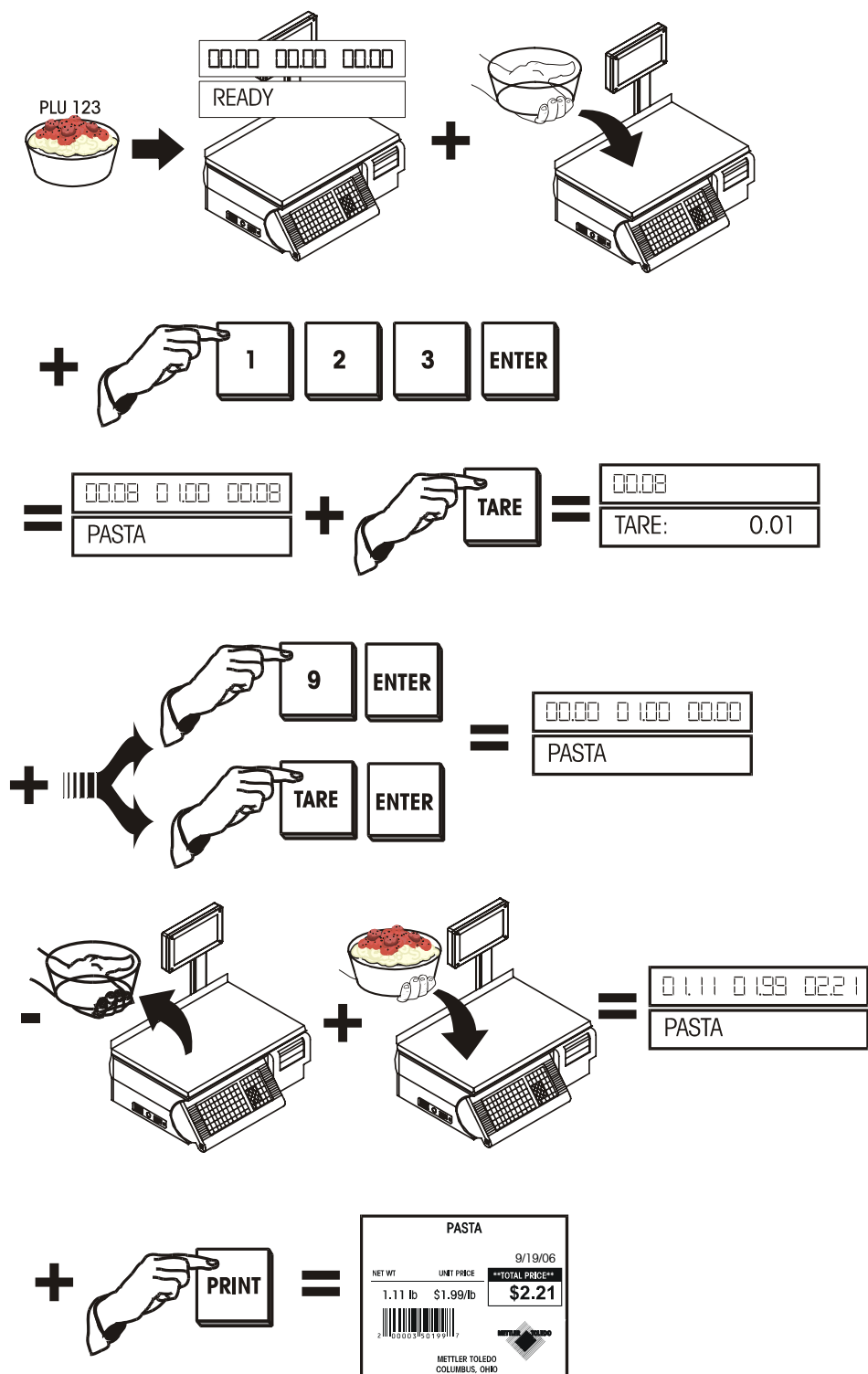


Manual Mode PLU Label Printing

If a PLU number is not available, a temporary pricing mode is available, as follows.



Manual Tare and Tare Override



Tare

PLU Stored Tare

A tare may be stored with a PLU. In this case, when the PLU is called and no weight is on the platter, the weight display will show a negative number (the tare weight) and a cursor will appear over Net.

Proportional Tare

Proportional tares may be used when supported by the master scale and the PLU is programmed for a proportional tare. This calculation is done automatically by the scale.

Forced Tare

Some items will *require* the operator to enter a tare to complete a transaction. This is called a "forced tare."

Select the PLU.

The bottom display will show **TARE**. You can either key in the tare and press **ENTER**, or place the tare on the platter and press **ENTER**. If no tare is desired, press **TARE**, then **ENTER**, then place the item on the platter.

Pushbutton Tare

A tare can be manually entered by the following procedure using the **TARE** button.

Select the PLU (either by entering the number or pressing the preset key).

Press the **TARE** key.

Place the container on the platter and press **TARE**.

Keyboard Tare

Select the PLU (either by entering the number or pressing the preset key).

Press the **TARE** key.

Key in the tare weight. Press **ENTER**.

Place the item on platter.

If the Canadian Tare is set to YES in the Calibration Settings then the platter must be empty when keying in the tare, and you cannot clear the Tare by entering 0.00.

Memory Mode

The **MEM** key can act as an **ENTER/MEM** key. To eliminate keystrokes, press **MEM** after keying in the PLU to immediately enter the transaction into the scale's memory.

If Continuous stock is used the label shows a line of description and the price information for up to 15 items.

When enabled, the Memory mode feature is an alternative to printing individual labels and allows accumulating multiple items for a customer. A receipt label can be printed showing the grand total and a department bar code.

Call the PLU, and place the item on the scale.

Press the **MEM** key to enter the current transaction into memory. The cursor over "Memory" on the Display tower will light.

Remove the item from the platter and repeat for the desired number of transactions, pressing the **MEM** key after each transaction.

When all items are entered for a particular customer, clear the platter and press the **MEM** key.

You will be prompted to print the total. Press **ENTER** to print the accumulated total price.

You are then asked **PRINT OK?** If the printing was successful, press the **DOWN** key to answer **YES**, then press **ENTER**; the memory is now cleared and the cursor over "Memory" will turn off.

If the printing was not okay, or you do not want to clear the memory, press the **DOWN** key until **NO** appears, then press **ENTER**. You may then either print again or add additional transactions to the accumulator.

At the initial **PRINT?** prompt after pressing **MEM** with an empty platter, you can scroll with the **UP** and **DOWN** keys to **CANCEL?** or **CONTINUE?**. At the **CANCEL?** prompt, pressing **ENTER** will bring up the **CLEAR MEMORY? NO** prompt. Toggle between **YES** and **NO** here to clear the memory. At the **CONTINUE?** prompt, pressing **ENTER** will retain the current memory as is so that more items can be added.

Void

The last ten transactions can be voided from the totals accumulators using this function.

Press the **VOID** key and use the **DOWN** and **UP** keys to display previous transactions.

The transactions will be displayed as follows: the top display will show the number of transactions/labels printed, item number, and total price.

The lower display will show the product description and whether it has been voided or not (Y/N). When the transaction you wish to void is displayed, press **ENTER**.

The display will ask if you want to void the transaction. Use the **DOWN** key to change your response to **Y**, then press **ENTER**.

You may either continue to void other transactions or press **CLEAR** to return to the **READY** prompt.

Manual Override Functions

Certain information can be overridden after the PLU has been called. These changes are temporary and last only for a single transaction or a single "run" in Prepack mode. Some or all of these overrides may be disabled through Unit Setup.

Tare Override

When the unit setup allows for programmed tares to be overridden, the desired tare can be entered as if there were no preprogrammed tare.

Keypad Tare

Call the PLU. If a tare is programmed in the PLU the Weight display will show the tare as a negative number and the "Net" cursor will light.

Press **TARE**.

Enter in the desired tare weight, then press **ENTER**.

Pushbutton Tare

Call the PLU.

Press **TARE**.

Place the container on the platter, then press **TARE**.

Place the item on the platter.

Price Override

When allowed by the unit set up, prices may be overridden by the operator with either of the following procedures:

Place the item on the platter.

Select the PLU.

Key in the new price, and press **ENTER**.

or

Call the PLU.

Press **PRICE CHANGE**.

Key in the new price. Press **ENTER**.

Place the item on the platter.

ET, NF Record Override

Extra Text and Nutrition Facts records are linked to a PLU using Extra text and Nutrition Fact record numbers programmed into the PLU record in the master database. These Record numbers can be overridden using the **ET/NF CHANGE** key.

Extra Text Change

When allowed by the unit set up, the Extra Text for a single transaction or Prepack "run" may be changed.

Call the PLU.

Press the **ET/NF CHANGE** key.

Using the **DOWN** and **UP** keys, you will be able to toggle between **ET** (Extra Text) and **NF** (Nutrition Facts). When **ET** is displayed, press **ENTER**.

The current Extra Text number will be displayed. Key in the new Extra Text number, then press **ENTER**.

Place the item on the platter (if By Weight item).

Press **PRINT** to print the label (if in Service mode).

Nutrition Fact Change

When allowed by the unit set up, the Nutrition Facts may be changed.

Call the PLU.

Press the **ET/NF CHANGE** key.

Using the **DOWN** and **UP** keys, you will be able to toggle between **ET** (Extra Text) and **NF** (Nutrition Facts). When **NF** is displayed, press **ENTER**.

The current Nutrition Fact number will be displayed. Key in the new Nutrition Fact number, then press **ENTER**.

Place the item on the platter (if By Weight item).

Press **PRINT** to print the label (if in Service mode).

Net Weight, Count Override

Standard Pack Weight/Count Change

For Standard Pack items, the count and/or the Net weight may be changed. When the count is changed, a new total price and net weight will be calculated from the unit price and new count value. When the Net weight is changed, the total price does not change, however a new unit price is calculated from the total price and new Net weight.

To change the quantity or weight of the item, press the **CNT/WT CHANGE** key.

Use the **DOWN** and **UP** keys to toggle between **QTY** (quantity, count) and **WEIGHT**.

To change the quantity of the pack, press **ENTER** when **QTY** is displayed. Key in the new quantity, then press **ENTER**.

To change the total weight, press **ENTER** when **WEIGHT** is displayed.

Key in the new weight (in ounces), then press **ENTER**.

Press **CLEAR** to return to the Item Description display.

Press **PRINT** to print a label.

By Count Change

For products that are priced By Count (e.g., 10 biscuits for \$5.00), the count (10 biscuits) may be changed; a new price will then be calculated (e.g., 5 biscuits would be \$2.50).

Retrieve the PLU. Press the **CNT/WT CHANGE** key.

The current quantity will be displayed and you will be prompted to enter the new quantity. Key in the new quantity; press **ENTER**.

The new quantity and the adjusted price will appear on the display and will also be printed on the label.

Press **PRINT** to print a label.

Shelf Life Override

After calling up the PLU, press the **SHELF LIFE CHANGE** key.

You are prompted to enter the new Sell By date. Depending on the unit setup, you will enter in the new date one of two ways: if your display reads **ENTER DAYS**, enter the number of days *until* the desired Sell By date. If the display reads **ENTER DATE**, enter the date of the desired Sell By date in the format of MMDDYY, then press **ENTER**.

Place the item on the platter (if By Weight item).

Press **PRINT** to print the label (if in Service mode).

Blank Label Fields

When allowed by the unit setup, certain fields on the labels may be temporarily blanked out. Select the PLU. Press the **BLANK FIELD** key.

Use the **DOWN** and **UP** keys to toggle between **BLANK PACK DATE**, **BLANK NET WEIGHT**, **BLANK UNIT PRICE**, **BLANK TOTAL PRICE**, **BLANK SHELF LIFE**, **BLANK USE BY** (date).

When you have the field you would like to blank out displayed, press **ENTER**.

The display will ask you if you want the field blanked. Press the **DOWN** and **UP** keys to change the answers to **YES**, then press **ENTER**.

You may continue to blank other fields or press **CLEAR** two times when you are done.

Place the item on the platter (if By Weight item).

Press **PRINT** to print the label (if in Service mode).

Master Off Line

Not Applicable to StandAlone model.

The satellite does not store the PLU accumulators for later transmission to the master during off line operation.

During scale operations, the satellite relies on the master to supply PLU files and record the PLU accumulators after a transaction. When PLU's are retrieved from the master scale, the satellite scale makes a backup record of the PLU information.

If the master is turned off, or the connecting cables to the master are disconnected or broken the unit will be off line.

When the master is off line and a PLU is called, the display shows **SEARCHING...** for a few seconds, the Online cursor is removed, and the satellite searches its backup files for the PLU record.

If a PLU is called and no backup file exists, the scale will default to "manual PLU's." The PLU is then treated as a "Manual PLU."

The display will show **MANUAL MODE BY WGT**. Use the **DOWN** and **UP** keys to select between **BY WEIGHT**, **LB FOR**, **1/2 LB**, **1/4 LB**, **BY COUNT**, or **STD PACK** pricing. Place the item on the platter. (For Standard Pack items, the weight must first be entered, in ounces, then press **ENTER**). Key in the price, then press **ENTER**.

To print a label, press **PRINT**. A label will be printed with the department name in the product description field and department UPC in the Item number field of the bar code.

5

Standalone Database Functions

General Description

The Model 8450 Standalone stores and maintains its own database of PLU information, extra text, nutrifacts, and graphics. It is available with 256K, 512K or 1M capacity memory. The following table details the amount of records each size of memory can hold.

	PLUs (223 bytes each)	ET Records (540 bytes each)	NF Records (383 bytes each)
1 Meg	4600	0	0
	1350	1350	0
	900	900	900
	1700	0	1700
512K	2300	0	0
	675	675	0
	450	450	450
	850	0	850
256K	1150	0	0
	335	335	0
	225	225	225
	425	0	425
ET recs + NF Recs + Graphic Recs = 7280 Max			

Approximate Memory Capacities

More than one department of information can be stored in memory but only the current department's information can be accessed at a time. For example, if department 1 is the current department, only PLUs entered in department 1 will be accessible. The department can be changed in either the Unit Setup Mode or in the Database Setup Mode.

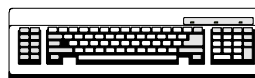
Standalone Database Functions

The following is an overview of the database setup structure, with the first row showing the major headings. The columns below each heading show specific commands available under that function. The **UP/DOWN** key scrolls through the selections. The **ENTER** key allows changes to the selected function.

EDIT	QUICK	PRINT	CLEAR
PLU	PRICE	PLU TOTALS	CLEAR PLU/ITEM
ET	TARE 1	GROUP TOTALS	CLEAR ET
NF	ET #	HOURLY TOTAL	CLEAR NF
ACTION CODE	NF #	GRAND TOTALS	CLEAR GR
GRADE	SHELF LIFE	MEM AVAILABLE	CLEAR PLU/ITEM TOTALS
GROUP	USE BY		CLEAR GROUP TOTALS
DEPT INFO	GROUP		HOURLY ACCUMULATORS
- DEPT #	ACTION CODE		VOID ACCUMULATORS
- DEPT NAME	ITEM #		COMPRESS DATABASE
- DEPT ADDR	GRADE #		CLEAR ALL
- DEPT UPC			
ITEM # DUPE			

Database Functions

Editing any of the alphabetical fields, such as Description and Extra Text, requires a programming keyboard.



Required

Database Setup Mode

To access the database setup, press the **SETUP MODE** key. Use UP/DOWN to toggle to **DATABASE**, then press **ENTER**. If a password has been set up for the database mode, key in the password and press **ENTER**.

Passwords

To change the password for database access, press the **PASSWORDS** key. At the **PASSWORD** prompt, enter a number between 1 and 9999. To disable the password enter 0.

Edit

This function allows you to edit records in the database. The fields that can be edited vary depending on the type of PLU. For example, a Standard Pack PLU will not need a Tare or Unit Price field.

PLU

Press **ENTER** at the **PLU** prompt to change or to add a new PLU record. Enter the PLU you wish to edit or add. If it is a new PLU, the prompt **PLU NT FD! ADD ACTV** will appear. To continue and add a new active record press **ENTER**, otherwise press **CLEAR**. Respond to each of the following prompts by pressing **ENTER** to update it, or **DOWN** or **UP** to scroll to the next.

PLU NUMBER:

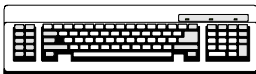
Enter a new PLU number from 1 - 999999.

ITEM:

Enter an item number between 0 - 9999999999. This number is used in the Bar Code symbol.

DESC 1 and DESC 2:

These fields are edited by pressing **ENTER** at the **DESC1** or **DESC2** prompt. Changes must be made on the programming keyboard that is connected to the jack on the bottom of the Model 8450. The Desc1 line displays when that PLU is called up. There is a maximum of 32 alphanumeric characters per description field.



Required

PLU TYPE:

Choose **BY WGT**, **LB FOR**, **BY 1/2**, **BY 1/4**, **BY CNT**, **STD PACK** or **MANUAL** by toggling to that prompt and pressing **ENTER**.

TARE1/COUNT:

Toggle between **FORCED** or a numeric value. For the numeric value, enter the value of these tares with the numeric keypad and press **ENTER**. For a forced tare, toggle to **FORCED** and press **ENTER**.

TARE/PROP TARE:

Toggle between **FORCED**, **PROP**, or a numeric value. For the numeric value, enter the value of these tares with the numeric keypad and press **ENTER**. For a forced tare, toggle to **FORCED** and press **ENTER**. For **PROP** proportional tare, press **ENTER** and then enter the percentage for the proportional tare as a value between 0 and 99.99. For example, if 10.00 is entered, the proportional tare is 10%.

UNIT/TOTAL PRICE:

Enter 6 digits 0 - 999999 or **FORCED** price for By-Weight, lb/for, □, □, total price for By-Count, and Standard Pack. To change the currency increments, enter the currency function under Unit Setup.

SHELF LIFE:

0 - 999 days used to calculate Sell By date printed on the label.

USE BY:

0 - 999 days used to calculate Use By date printed on the label.

GROUP #:

Items can be categorized by groups within a department. For example, in a bakery there could be a group for cookies and a group for pies. This allows various reports to be printed based on each group. To change this enter a new value between 0 - 500 with the numeric keypad and press **ENTER**.

GRADE #:

Lines of text with grade information can be linked to each PLU. Enter the number of the Grade text between 0 - 16 to be linked to this PLU with the numeric keypad and press **ENTER**. 0 means no grade is selected.

ET #:

Lines of extra text can be linked to each PLU. Enter the number of the Extra Text record between 0 - 999999 to be linked with this PLU with the numeric keypad and press **ENTER**. 0 means no ET is selected.

NF #:

Nutrition Fact information can be linked to each PLU. Enter the number of the Nutrition Fact record between 0 - 999999 to be linked with this PLU with the numeric keypad and press **ENTER**. 0 means no NF is selected.

GRAPHIC:

Graphics can be linked to each PLU and will be printed if a label format that prints a graphic is selected. Enter the number of the graphic record between 0 - 999999 to be linked with this PLU with the numeric keypad and press **ENTER**. 0 means no Graphic is selected. The graphics are monochrome (black/white) PCX images that are imported into Intelli-Net® and downloaded to a **SmartTouch®** Master. The satellite retrieves the graphic when it is assigned in the PLU record and called from the **SmartTouch®** Master.

ACTION CODE #:

Action codes can be linked to each PLU which will replace the store address, display a different PLU description, or can be used to scroll a marquee. Enter the number of the Action Code record between 0 - 50 to be linked with this PLU with the numeric keypad and press **ENTER**. 0 means no Action Code is selected.

BARCODE:

The barcode to be printed on the label is determined by this setting. This menu is different depending on the Unit Setup for barcode type, **EAN** or **UPC**.

At the prompt you can choose from **USE SCL SETTING** or choose a type from the **TYPE?** List. These types include **GEN MERCH** (0), **NOT IDENT** (1), **RAND WT** (2), **DRUG & HEALTH** (3), **STORE MARK** (4), **COUPONS** (5), **PRICE ENCODED** (6) and **NOT IDENT** (7). (The numbers in parentheses correspond to the values of these bar code types in the master units.) If **RAND WT** or **PRICE ENCODED** types are selected, a format string can be selected from the **FORMAT?** prompt list. For **RAND WT** and **PRICE ENCODED** these format strings are:

Note:
N = Item Number
C = Price Check Digit
\$= Total Price
= Weight
W = Weight Check Digit
X = Bar Code Check Digit.

0: NNNNN C\$\$\$\$ X
1: NNNNN O\$\$\$\$ X
2: NNNNN N\$\$\$\$ X
3: NNNNN \$\$\$\$\$ X
4: NNNNN W#### X
5: NNNNN O#### X
6: NNNNN N#### X
7: NNNNN ##### X

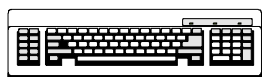
If the Unit Setup barcode type is **EAN**, you can first choose **USE SCL SETTING**. There is an additional field called **PREFIX**. There will be **BY_WGT_PREFIX**, **BY_CNT_PREFIX**, **STD_PACK_PREFIX**, AND **RUN_TOT_PREFIX**. Both the first and second digit of the **EAN** barcode can be changed. To change the prefix, follow the example below.

	Display
	BY_WGT_PREFIX: 5_3
Press ENTER	BY_WGT_PREFIX? 5_3
Enter digits 2 and 4	BY_WGT_PREFIX? 2_4
Press ENTER	

The digits 2 and 4 are now set as the first and second digit of the "BY_WGT_PREFIX" prompt. The display now shows the next prompt "BY_CT_PREFIX 5_3: 2_1". Use the same procedure to set the other barcode prefix for the other PLU types.

BLANK:

This allows you to blank one of the following fields on a label: **PACK DATE**, **NET WEIGHT**, **UNIT PRICE**, or **TOTAL PRICE**. To blank one of these fields, press **ENTER** at that prompt and toggle **YES** or **NO**. When these fields are blanked, only the values are blanked, not the legends.



Required

Extra Text

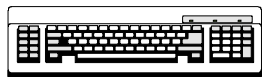
This allows you to add a new or edit an existing extra text record. Press **ENTER** at the **EXTRA TEXT** prompt. With the numeric keypad enter the number of the extra text record to be edited (6 digit number 1-999999).

New Extra Text Records

If it is a new record, the prompt will display **XT NT FDI ADD XT**. To add the new extra text, press **ENTER**, otherwise press **CLEAR**. At the **CHAR PER LINE** prompt, enter a number between 1 and 99. 54 is the maximum number of characters per line without wrapping the line around. The most common numbers are 32, 42 and 54 characters per line.

Entering the Extra Text

Now you should be able to begin typing in the extra text with the programming keyboard. If the extra text was not a new record, the current text will be displayed on the screen and ready for editing. Otherwise, type in the new extra text. *Press [F10] on the keyboard when finished.* You will be prompted to **SAVE CHANGES**. Pressing **ENTER** will result in a **SURE? YES** prompt and require one more **ENTER** to save or **CLEAR** to exit without saving. Pressing **CLEAR** at the **SAVE CHANGES** prompt will exit without saving.



Required

Nutrition Facts

This allows you to edit a current or add a new nutrition facts record. The first prompt requests a nutrition facts record number (6 digit number 1-999999). If it is a new Nutrition Facts record, the display will read **NF NT FDI ADD NF**. Pressing **ENTER** here will continue and add a new record as the following describes. Pressing **CLEAR** will leave the nutrition facts editing.

LABEL?

At this prompt, choose the type of label for the nutrition facts to be printed on by toggling through the choices and pressing **ENTER**. **SINGLE** will print the nutrition facts on the label with all the rest of the PLU information. **ALT PLU/NF** will print a PLU label followed by a nutrition facts label, while **ALT NF/PLU** will print a nutrition facts label followed by a PLU label. **BATCH PLU/NF** and **BATCH NF/PLU** will do the same but in a batch process. The second nutrition facts only label will be printed according to the label format selected in the Unit Setup Label Format menu.

FORMAT?

The format for the nutrition facts record can be chosen by toggling through the following choices and pressing **ENTER**: **VRT STD** (vertical standard), **VERT SIMP** (vertical simplified), **TABULAR**, **LINR LND** (linear landscape), and **LINR PRT** (linear portrait).

Nutrition Facts	
Serving Size	4 oz (0s)
Servings Per Container	varied
Amount Per Serving	
Calories	120
Calories from Fat	80
Calories from Saturated Fat	10
%Daily Value*	
Total Fat 0.4g	1%
Sodium 0mg	0%
Potassium 20mg	5%
Total Carbohydrate 2s	1%
Protein 0s	
Vitamin A 0%	Vitamin C 0%
Calcium 0%	
*Percent Daily Values (DV) are based on a 2,000 calorie diet.	
Not a significant source of saturated fat, trans fat, cholesterol, dietary fiber, sugars, vitamin A, vitamin C, calcium, iron.	

Vertical Standard Nutrifacts Format

Nutrition Facts	
Serving Size	1 oz (1g)
Servings Per Container	2
Amount Per Serving	
Calories	0
%Daily Value*	
Total Fat 0.0 g	0%
Trans. Fat 0.0g	
Total Carbohydrate 0g	0%
Protein 0g	
* Percent Daily Values are based on a 2,000 calorie diet.	
Not a significant source of calories from fat, saturated fat, cholesterol, dietary fiber, sugars, vitamin A, vitamin C, calcium, iron.	

Vertical Simplified Nutrifacts Format

Nutrition Facts	
Serv Size	Amount/Servings 2DV* Amount/Serving
4oz (0s)	Total Fat 0s 0% Total Carb 0s
Servings	Sat Fat 0s 0% Fiber 0s
varied	Cholest. 0s 0s Sugars 0s
Calories	Sodium 0mg 0% Protein 0s
120	Vitamin A 0% Vitamin C 0%
*Percent Daily Values (DV) are based on a 2,000 calorie diet.	Calcium 0% Iron 0%

Tabular Simplified Nutrifacts Format

Nutrition Facts	
Serv Size: 4 pieces	Amount/Servings: 2DV* Amount/Serving
4oz (0s)	Total Fat 0s 0% Total Carb 0s
Servings: varied	Sat Fat 0s 0% Fiber 0s
Calories: 120	Cholest. 0s 0s Sugars 0s
Fat 0g (0% DV)	Sodium 0mg 0% Protein 0s
Sat. Fat 0g (0% DV)	Vitamin A 0% Vitamin C 0%
Cholest. 0mg (0% DV)	Calcium 0% Iron 0%
Fiber 0g (0% DV)	
Sugars 0g (0% DV)	
Vitamin A 0% (0% DV)	
Vitamin C 0% (0% DV)	
Calcium 0% (0% DV)	
Iron 0% (0% DV)	
Daily Values (DV) are based on a 2,000 calorie diet.	

Linear Landscape Nutrifacts Format

SERV UNITS?

This will select the serving units used to calculate servings per container by toggling through the following prompts: **OZ** (numeric entry for By Weight and Standard Pack PLUs only), **PIECES** (numeric entry for by Count or Standard Pack PLUs only), or **TEXT** (alphanumeric entry, entered for both serving units and servings per container). This is done by pressing **ENTER** on the prompt and entering in the requested information followed by **ENTER**. Table 4-3 lists the fields

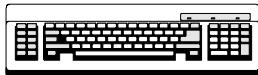
that are required (R) and voluntary (V) along with the insignificant value (when applicable).

* = For the Vertical Simple template, these fields are not printed in the main Nutrition Facts table when they have insignificant values. They are printed in the footnote, following the words "Not a significant source of . . ." with the other fields that contain insignificant amounts. See 21 CFR part 101.9(f).

Nutrition Field	Type	Insig. Amount
Calories	R	<=5
Calories from fat	R	<=5*
Calories from saturated	V	
Total fat (g)	R	<=0.5
Total fat (%)	R	
Saturated fat (g)	R	<=0.5
Saturated fat (%)	R	
Polyunsaturated fat (g)	V	
Monounsaturated fat(g)	V	
Trans Fatty Acid (g)	R	<=0.5
Trans Fatty Acid (%)	R	
Cholesterol (mg)	R	<=2*
Cholesterol (%)	R	*
Sodium (mg)	R	<=5
Sodium (%)	R	
Potassium (mg)	V	
Potassium (%)	V	
Total carbohydrate (g)	R	<=1
Total carbohydrate (%)	R	
Dietary fiber (g)	R	<=1*
Dietary fiber (%)	R	*
Soluble fiber (g)	V	
Insoluble fiber (g)	V	
Sugar (g)	R	0*
Sugar Alcohol	V	
Other carbohydrates (g)	V	
Protein (g)	R	<=1
Protein (%)	V	
Vitamin A (%)	R	<=2%*
Beta-carotene (%)	V	
Vitamin C (%)	R	<=2%*
Calcium (%)	R	<=2%*
Iron (%)	R	<=2%*
Vitamin D (%)	V	
Vitamin E (%)	V	
Thiamin (%)	V	
Riboflavin (%)	V	
Niacin (%)	V	
Vitamin B6 (%)	V	
Folate (%)	V	
Vitamin B12 (%)	V	
Biotin (%)	V	
Pantothenic acid (%)	V	
Phosphorus (%)	V	
Iodine (%)	V	
Magnesium (%)	V	
Zinc (%)	V	
Copper (%)	V	

NutriFact Record

Press **CLEAR** to exit the nutrition facts setup. A prompt to **SAVE CHANGES** will be displayed. Press **ENTER** to save and exit. Press **CLEAR** to exit without saving.



Required

Action Code

Action Code records can be linked to a PLU to do one of three things, print a store address line, print a PLU description or scroll a marquee. Press **ENTER** at the **ACTION CODE** prompt to enter into this function. Type a current action code record number or a new record number and press **ENTER** (2 digit number 1-50). The next prompt, **TYPE?**, will toggle through the three types. Press **ENTER** to choose one of the types described below.

STORE ADDR

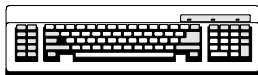
This type will print a store address at the bottom of a label. After pressing **ENTER**, the prompt **LINE 1** will appear. Press **ENTER** and type the **LINE 1** text on the programming keyboard followed by **ENTER**. The prompt **LINE 2** will then appear. Enter the **LINE 2** text followed by **ENTER**. At the **SAVE CHANGES** prompt, press **ENTER** to save and exit, or press **CLEAR** to exit without saving.

PLU DESCR

This type will override the PLU description that is normally displayed on the lower scale display. It does not change the description printed on the label. It can be used to display a special message for the customer or operator. After pressing **ENTER**, the prompt **LINE 1** will appear. Press **ENTER** here and type the text on the programming keyboard followed by **ENTER**. At the **SAVE CHANGES** prompt, press **ENTER** to save and exit, or press **CLEAR** to exit without saving.

MARQUEE

This type of action code will define the text for a scrolling marquee. After pressing **ENTER**, a cursor will appear waiting for text input from the PCAT keyboard. Enter the marquee text and press **ENTER**. At the **SAVE CHANGES** prompt, press **ENTER** to save and exit, or press **CLEAR** to exit without saving.



Required

Grade

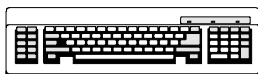
This function is used to program Grade Text. After pressing **ENTER**, enter the record number of the grade text to be edited (2 digit number 0-16). A cursor will appear waiting for text input from the programming keyboard. Enter the grade text and press **ENTER**. At the **SAVE CHANGES** prompt, press **ENTER** to save and exit and **CLEAR** to exit without saving.

Group

This function will assign a text string to a group number. This text string will then be printed on the Group Totals report heading. After pressing **ENTER**, enter the record number of the group text to be edited. A cursor will appear waiting for text input from the programming keyboard. Enter the group text and press **ENTER**. At the **SAVE CHANGES** prompt, press **ENTER** to save and exit and **CLEAR** to exit without saving.

Department Info

This allows information about the department to be entered. At each of the prompts, enter the requested information followed by **ENTER**. **DEPT NAME** and **DEPT ADDR** are alphanumeric entries from the programming keyboard. The **DEPT ADDR** can have 2 lines. The **DEPT UPC** is a generic UPC number for totals labels for that department.



Required

Item # Duplication

This function simply toggles **YES** and **NO** entries. Selecting **YES** allows different PLU records to have the same item number. Selecting **NO** does not allow this.

Quick Change

While in the database setup mode, this function allows you to change one of the following fields of a PLU without having to go through all of the other fields at the same time: **PRICE**, **TARE**, **ET #**, **NF #**, **SHELF LIFE**, **USE BY**, **GROUP #**, **ACTION CODE**, **ITEM**, and **GRADE #**. The **QUICK PRICE** changes the **UNIT PRICE** field for By Weight PLUs and the **TOTAL PRICE** field for Standard Pack and By Count PLUs. The **QUICK TARE** changes the **TARE1** field.

Print

While in the database setup mode, this function will print reports for the following: **PLU TOTALS**, **GROUP TOTALS**, **HOURLY TOTALS**, **GRAND TOTALS**, and **MEMORY AVAILABLE**. The reports are printed on labels the format of which is chosen in the Unit Setup Label Format function. Refer to Appendix 2 for the label formats for reports. To print one of these reports, press **ENTER** at that prompt. The results are displayed on the tower display. To print, press the **PRINT** key (exception: Hourly totals will print automatically). To stop printing in the middle of a run, press the **CLEAR** key.

Clear

While in the database setup mode, this function allows you to clear out or delete various parts of the database. The first 4 choices, **CLEAR PLUNTEM**, **CLEAR EXTRA TEXT**, **CLEAR NUTRIFACT**, and **CLEAR GRAPHIC**, will clear individual records in each of those areas. Press **ENTER** at the prompt. The next prompt can be toggled between **ALL** and the record type. For example, press **ENTER** at the **CLEAR PLU/ITEM** prompt. Now you can toggle between **PLU/ITEM** and **ALL**. Pressing **ENTER** at **PLU/ITEM**, will request a PLU number to delete. Pressing **ENTER** at **ALL** will clear all PLU records. Both cases will prompt with **SURE?? NO** before continuing. The other 3 choices work the same way but with the other record types of extra text, nutrifact, and graphic.

The next four choices, **CLEAR PLUNTEM TOT**, **CLR GROUP TOTALS**, **HOURLY ACCUMULATORS**, and **VOID ACCUMULATORS**, will clear the totals for each of those areas. **CLEAR PLU/ITEM TOT** works as described in the above paragraph where there is a choice between clearing totals for **ALL** PLUs or for just one PLU. **CLR GROUP TOTALS** requests a group number to be entered. Both end with a **SURE?? NO** prompt. The two accumulators display a prompt with the current department number and a toggle between **YES** and **NO**. There is no **SURE?** prompt to double check on clearing accumulators.

The next choice, **COMPRESS DATABASE**, should be used if any 'Out of Memory' errors are displayed. Press **ENTER** at the prompt and toggle **YES** and **NO** at the **SURE??** prompt to continue.

The final choice, **CLEAR ALL**, will clear everything from the database completely including all PLU, Extra Text, Nutrition Facts and Graphic records and accumulators. There is a **SURE?? NO** prompt to make sure this is what you want to do.

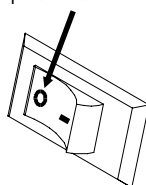
6

Maintenance

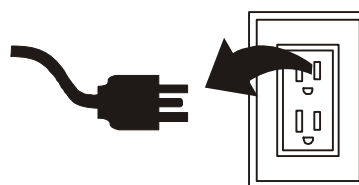
Before Performing Maintenance!

"Disconnect power" means: "Press the **O** on the Power Switch to turn power off (1), then disconnect the AC power cord from the AC outlet (2)."

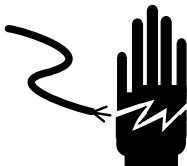

1. Press OFF on the power switch.



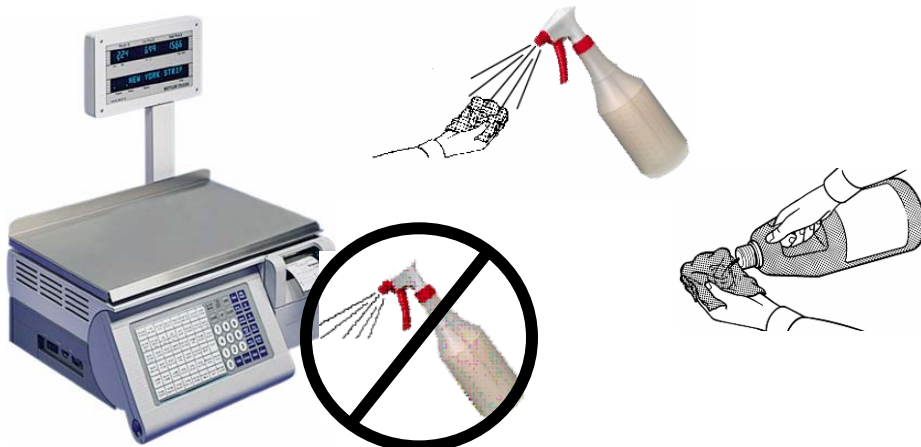
2. Remove the power cord from the AC outlet.



External Cleaning

	<div data-bbox="987 1010 1060 1066"></div> <div data-bbox="1094 1016 1321 1066">WARNING</div> <p>DISCONNECT ALL POWER TO THIS UNIT BEFORE INSTALLING, SERVICING, CLEANING, OR REMOVING THE FUSE. FAILURE TO DO SO COULD RESULT IN BODILY HARM AND/OR PROPERTY DAMAGE. DO NOT SPRAY OR WASH DOWN. HAZARD OF ELECTRICAL SHOCK OR BURN.</p>
---	---

- 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 the Printer



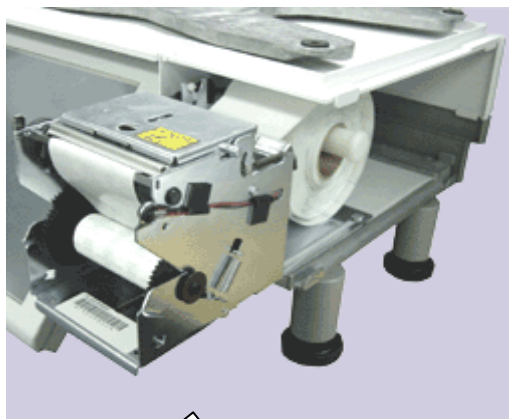
Do not use a metal device to remove labels from any components. This may cause severe damage.

Do not scrape the printhead with any object to remove glue or label debris.

Note: Before pressing the printhead down, hold the bottom of the printer to prevent the scale from tipping if the foot clamp is not used.

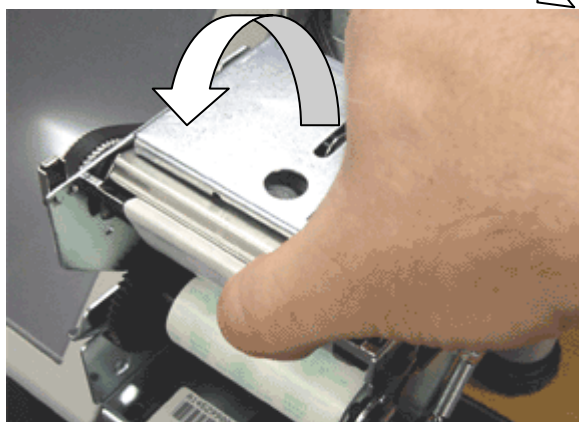
	<p style="text-align: center;">WARNING</p> <p>DISCONNECT ALL POWER TO THIS UNIT BEFORE INSTALLING, SERVICING, CLEANING, OR REMOVING THE FUSE. FAILURE TO DO SO COULD RESULT IN BODILY HARM AND/OR PROPERTY DAMAGE.</p>
--	---

- Disconnect power.
- Remove the printer access cover.
- Unlock the printhead by lifting the rear of the printhead assembly forward and up at the same time. Once the rear of the assembly is unlocked, lift the front of the printhead assembly (refer to illustrations below).
- Remove the paper stock.
- Clean the printhead, stripper edge, platen roller, and paper path. Clean the printer using the METTLER TOLEDO Cleaning Pen (P/N 082287020) or use a soft clean cloth soaked in isopropyl alcohol or METTLER TOLEDO Liquid Cleaner (P/N 12587500A) or equivalent (ISC108-B).
- To lock the printhead back down into the printing position, first lower the front of the printhead assembly down onto the platen roller. Once the front of the printhead assembly is down on the platen roller, firmly press the rear of the printhead assembly down until it snaps into place. Use even pressure across the rear of the printhead assembly so that both assemblies snap down.

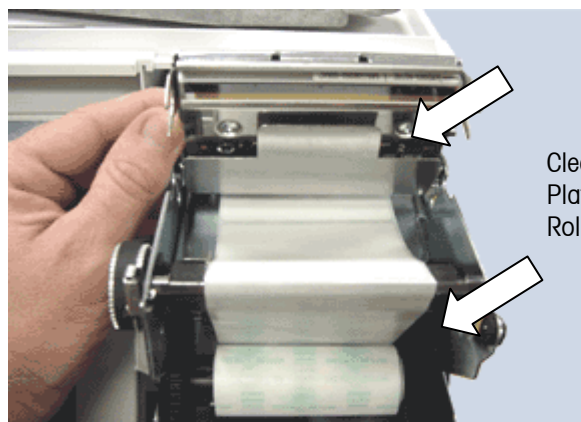


Slide the printer out for access to the printhead.

Lift the rear of the printhead assembly to unlock and pivot up for maintenance.



Clean printhead here.



Clean Platten Roller

7

Label Formats

Abbreviations

The following abbreviations will be used in the default label style list.

BCB	Bar Code on Bottom
By Cnt	By Count Pricing
By Wght	By Weight Pricing
Cont	Continuous Strip Label
Grd	Grade
NF	Nutrifact Text
Pack	Pack Date
Sell	Sell By Date
SH	Safe Handling Text Printed by 8461.
SHS	Safe Handling Space on Preprinted labels.
Std Pck	Standard Pack Pricing

For illustrations of the label formats, please refer to the **Model 8450 Service Manual**.

Cross Reference

8450 Standard Label Index for both the OLD and CURRENT 8450 models

Current 8450 labels maintain a four line description feature; the old 8450 format supports two lines.

Current 8450: reference number 1 – 40 are customized label formats

Old 8450: reference numbers 1 – 30 are customized label formats

Rows that are in *italics* are no longer available in the newer version.

CURRENT 8450	OLD 8450	Size	Type	Date	Other Info	BC Position
41	31	1.9"	By Wght	Sell	Grd	
42	32	1.9"	By Cnt	Sell	Grd	
43	33	1.9"	Std Pck	Sell	Grd	
44	34	1.9"	By Wght			
45	35	1.9"	By Cnt			
46	36	1.9"	Std Pck			
47	37	1.9"	By Wght	Pack	Grd	
48	38	1.9"	By Cnt	Pack	Grd	
49	39	1.9"	Std Pck	Pack	Grd	
50	40	2.1"	By Wght	Sell	Grd	

METTLER TOLEDO Model 8450 User's Guide

CURRENT 8450	OLD 8450	Size	Type	Date	Other Info	BC Position
51	41	2.1"	By Cnt	Sell	Grd	
52	42	2.1"	Std Pck	Sell	Grd	
53	43	2.1"	By Wght			
54	44	2.1"	By Cnt			
55	45	2.1"	Std Pck			
56	46	2.1"	By Wght	Pack	Grd	
57	47	2.1"	By Cnt	Pack	Grd	
58	48	2.1"	Std Pck	Pack	Grd	
59	49	2.4"	By Wght	Sell	Grd	
60	50	2.4"	By Cnt	Sell	Grd	
61	51	2.4"	Std Pck	Sell	Grd	
62	52	2.4"	By Wght	Sell	Grd	BCB
63	53	2.4"	By Cnt	Sell	Grd	BCB
64	54	2.4"	Std Pck	Sell	Grd	BCB
65	55	2.4"	By Wght	Sell	Grd	
	<i>56</i>	<i>2.4"</i>	<i>By Cnt</i>	<i>Sell</i>	<i>Grd</i>	
66	57	2.4"	Std Pck	Sell		
67	58	2.4"	BW	Sell	Grd	BCB
68	59	2.4"	By Cnt	Sell	Grd	BCB
69	60	2.4"	Std Pck	Sell	Grd	BCB
70	61	2.4"	By Wght	Sell	Grd	SH
	<i>62</i>	<i>2.4"</i>	<i>By Wght</i>	<i>Sell</i>	<i>Grd</i>	<i>SHS</i>
71	63	3.3"	By Wght	Sell	Grd	
72	64	3.3"	By Cnt	Sell	Grd	
73	65	3.3"	Std Pck	Sell	Grd	
74	66	3.3"	By Wght	Sell	Grd	BCB
75	67	3.3"	By Cnt	Sell	Grd	BCB
76	68	3.3"	Std Pck	Sell	Grd	BCB
77	69	3.3"	By Wght	Sell	Grd	SH
	<i>70</i>	<i>3.3"</i>	<i>By Wght</i>	<i>Sell</i>	<i>Grd</i>	<i>SHS</i>
78	71	3.7"	By Wght	Sell	Grd	
79	72	3.7"	By Cnt	Sell	Grd	
80	73	3.7"	Std Pck	Sell	Grd	
	<i>74</i>	<i>3.7"</i>	<i>By Wght</i>	<i>Sell</i>	<i>Grd</i>	<i>BCB</i>
	<i>75</i>	<i>3.7"</i>	<i>By Cnt</i>	<i>Sell</i>	<i>Grd</i>	<i>BCB</i>
	<i>76</i>	<i>3.7"</i>	<i>Std Pck</i>	<i>Sell</i>	<i>Grd</i>	<i>BCB</i>
81	77	3.7"	By Wght	Sell	Grd	SH
	<i>78</i>	<i>3.7"</i>	<i>By Wght</i>	<i>Sell</i>	<i>Grd</i>	<i>SHS</i>
82	79	3.7"	By Wght	Sell	NF	
83	80	3.7"	By Cnt	Sell	NF	
84	81	4.2"	By Wght	Sell	Grd	
85	82	4.2"	By Cnt	Sell	Grd	
86	83	4.2"	Std Pck	Sell	Grd	
	<i>84</i>	<i>4.2"</i>	<i>By Wght</i>	<i>Sell</i>	<i>Grd</i>	<i>BCB</i>

Chapter 7: Label Formats
Cross Reference

CURRENT 8450	OLD 8450	Size	Type	Date	Other Info	BC Position
	85	4.2"	By Cnt	Sell	Grd	BCB
	86	4.2"	Std Pck	Sell	Grd	BCB
87	87	4.2"	By Wght	Sell	Grd	SH
	88	4.2"	By Wght	Sell	Grd	SHS
88	89	4.2"	By Wght	Sell	Grd	NF
89	90	4.2"	By Cnt	Sell	Grd	NF
90	91	4.2"	Std Pck	Sell	NF	
91	92	4.7"	By Wght	Sell	Grd	
92	93	4.7"	By Cnt	Sell	Grd	
93	94	4.7"	Std Pck	Sell	Grd	
	95	4.7"	By Wght	Sell	Grd	BCB
	96	4.7"	By Cnt	Sell	Grd	BCB
	97	4.7"	Std Pck	Sell	Grd	BCB
94	98	4.7"	By Wght	Sell	Grd	SH
	99	4.7"	By Wght	Sell	Grd	SHS
95	100	4.7"	By Wght	Sell	Grd	NF
96	101	4.7"	By Cnt	Sell	Grd	NF
97	102	4.7"	Std Pck	Sell	Grd	NF
98	103	5.1"	By Wght	Sell	Grd	
99	104	5.1"	By Cnt	Sell	Grd	
100	105	5.1"	Std Pck	Sell	Grd	
	106	5.1"	By Wght	Sell	Grd	BCB
	107	5.1"	By Cnt	Sell	Grd	BCB
	108	5.1"	Std Pck	Sell	Grd	BCB
101	109	5.1"	By Wght	Sell	Grd	SH
	110	5.1"	By Wght	Sell	Grd	SHS
102	111	5.1"	By Wght	Sell	Grd	NF
103	112	5.1"	By Cnt	Sell	Grd	NF
104	113	5.1"	Std Pck	Sell	Grd	NF
105	114	Cont	By Wght	Sell	BCB	
106	115	Cont	By Cnt	Sell	BCB	
107	116	Cont	Std Pck	Sell	BCB	
108	117	Cont	By Wght	Sell	SH	BCB
109	118	Cont	By Wght	Sell	NF	BCB
110	119	Cont	By Cnt	Sell	NF	BCB
111	120	Cont	Std Pck	Sell	NF	BCB
112	121	Receipt				
113	122					
114	123					
115	124					
116	125					
117	126					
118	127					
119	128					

METTLER TOLEDO Model 8450 User's Guide

CURRENT 8450	OLD 8450	Size	Type	Date	Other Info	BC Position
120	129					
121	130	2.2"	By Count			
122	131	3.8"	By Count			
123	132	1.5"	By Count			
124	133	0.9"	By Count			
125	134	1.5"	By cnt/Prepak			

8

Error Messages

The following is a list of "Operator" errors that may occur. These errors are an "invalid operation" type and are displayed in order to explain the problem:

Error Message	Description
DOWNLOAD ERROR	Indicates an error during the backup download from the master. The master may be off-line. Check the master and the communication cable on the scale.
BAD PRINTER COMM	This is a printer error. Turn power off, then on. Try printing another PLU. If problem persists, call for service.
CHECK LABEL STOCK	Scale may be out of labels or incorrectly threaded.
COMMUNICATION ERROR	Indicates the satellite has lost communication with the master scale. This could occur during a download PLU routine. The cause could be the master scale being turned off, a loose or broken communication line, or a failure in the master scale. Also check power to the master scale and the fuse.
INVALID ENTRY	Incorrect entry made when making an accumulator adjustment, under zero, or overflow.
INVALID PRICE MODE	Incorrect entry found in modifier or package code fields during a price entry (or change). When the package code is "2", the modifier must be a "2" or a "4" indicating 1/2 or 1/4 lb pricing. When the package code is "1" (By Count), the modifier must be greater than "0". When in Pound For or By Count mode, the number of pounds or the count is too many digits.
INVALID PRICE MODE	Invalid date found in modification or package code fields in the PLU record.
INVALID TARE	Invalid tare entry.
ITEM # NOT FOUND	The entered Item number was not found (does not exist).
MEMORY IS FULL	The memory is full.
NO EXTRA TEXT FOUND	The entered Extra Text number was not found (does not exist).
OVER READY	Scale is over the max capacity of 30 lb/15 kg. Remove weight.
PLU # NOT FOUND	PLU number was not found (does not exist). Enter another number.

Error Message	Description
PROP TARE 2 ERROR	The Tare 2 field in the PLU record is set to a proportional tare and the satellite is set up to use Tare 2. However, the satellite is also set up to prohibit the use of proportional tare. Change the setup to allow proportional tare.
RECORD NOT FOUND	The Extra Text, Nutrition Fact, or Graphics number does not exist in the master database.
TEXT FILE TOO LARGE	Extra Text file is too big to fit in memory.
TOTAL\$>\$999.99	Total dollar amount exceeds the ability of the printer to print the value.
UNDER READY	Scale is under capacity. Remove any items from the scale platter and press the ZERO button. If this does not zero the display, recycle power. If problem persists, contact your service representative.



ServiceXXL®
Tailored Services



Quality certification. Development, production, and auditing in accordance with ISO9001. Environmental management system in accordance with ISO14001.

Worldwide service. Our dense service network, among the best in the world, ensures the maximum availability and lifespan of your product.

Conformité Européene

This label is your guarantee that our products conform to the latest guidelines.

On the Internet. You can find important information about our products and services, as well as our company, quickly and easily at <http://www.mt.com/support>



METTLER TOLEDO
1900 Polaris Parkway
Columbus, Ohio 43240
www.mt.com

P/N: A14614100A

METTLER TOLEDO® is a registered trademark of Mettler-Toledo, Inc.
©2006 Mettler-Toledo, Inc.
Printed in USA



A14614100A